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SE450



master US-EN Telephone



Warning

Use only rechargeable batteries.

Charge the handset for 24 hours before use.

PHILIPS

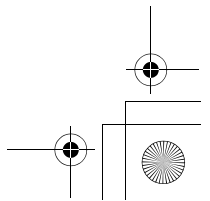
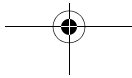
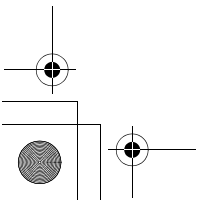
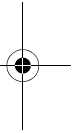
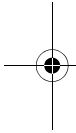
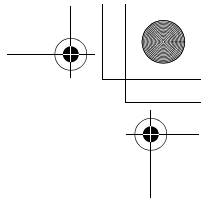
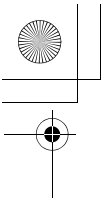


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1 Important Safety Instructions

Some of the following information may not apply to your particular product; however, when using telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- 1** Read and understand all instructions.
- 2** Follow all warnings and instructions marked on the product.
- 3** Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- 4** Telephones should not be used while you are in a bathtub, shower or pool. Immersion of the telephone or handset in water could cause an electrical shock.
- 5** Slots and openings in the cabinet back or bottom are provided for ventilation, to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation unless proper ventilation is provided.
- 6** This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
- 7** Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by persons walking on it.
- 8** Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
- 9** Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock.
Never spill liquid of any kind on the product.
- 10** To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified service personnel when service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
- 11** Do not expose the product to extreme temperatures such as areas near a hot radiator or stove or in a hot car.
- 12** Do not place lighted candles, cigarettes, cigars, etc., on the telephone.
- 13** Never touch uninsulated telephone wires or terminals unless the

telephone line has been disconnected at the network interface.

- 14** Never install or modify telephone wiring during a lightning storm.
- 15** Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- 16** Use caution when installing or modifying telephone lines to prevent electrical shock and/or fire.
- 17** Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A** When the power supply cord or plug is damaged or frayed.
 - B** If the product has been exposed to rain or water.
 - C** If the product does not operate normally by following the operating instructions.
 - D** If the product's cabinet has been damaged.
 - E** If the product exhibits a distinct change in performance.
- 18** Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
- 19** Do not use the telephone to report a gas leak in the vicinity of the leak.
- 20** Do not place this product on an unstable cart, stand or table. The product may fall, causing serious damage to the product.

IF YOUR PRODUCT UTILIZES BATTERIES, THE FOLLOWING

ADDITIONAL PRECAUTIONS SHOULD BE OBSERVED:

- 1** Use only the type and size of battery(ies) specified in the user manual.
- 2** Do not dispose of the battery(ies) in fire. They may explode. Check with local codes for possible special disposal instructions.
- 3** Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- 4** Exercise care in handling battery(ies) in order not to short out the battery(ies) with conducting materials such as rings, bracelets, and keys. The battery(ies) or conductor may overheat and cause burns.
- 5** Do not attempt to recharge the battery(ies) provided with or identified for use with this product that are not intended to be recharged. The battery(ies) may leak corrosive electrolyte or explode.
- 6** Do not attempt to rejuvenate the battery(ies) provided with or identified for use with this product by heating them. Sudden release of the battery(ies) electrolyte may occur causing burns or irritation to eyes or skin.
- 7** When replacing battery(ies), all batteries should be replaced at the same time. Mixing fresh and discharged batteries could increase internal cell pressure and rupture

the discharged battery(ies). (Applies to products employing more than one separately replaceable primary battery.)

- 8** When inserting battery(ies) into this product, the proper polarity or direction must be observed. Reverse insertion of battery(ies) can cause charging, and that may result in leakage or explosion.
- 9** Remove battery(ies) from this product if storing over 30 days because the battery(ies) could leak and damage the product.
- 10** Discard "dead" battery(ies) as soon as possible since "dead" batteries are more likely to leak in a product.
- 11** Do not store this product, or the battery(ies) provided with or identified for use with this product, in high temperature areas. Batteries that are stored in a freezer or refrigerator for the purpose of extending shelf life should be protected from condensation during storage and defrosting. Batteries should be stabilized at room temperature prior to use after cold storage.
- 12** If your product uses rechargeable battery(ies), charge the battery(ies) only in accordance with the instructions and limitation specified in the User Manual.

SAVE THESE INSTRUCTIONS

2 Environment and safety

2.1 Safety information

This telephone is not designed for making emergency telephone calls when the power fails. An alternative should be made available for access to emergency calling.

2.2 Power requirements

This product requires an electrical supply of 120 volts, single phase alternating current, excluding IT installations defined in standard UL 60950.

2.3 Battery requirements

The handset requires power source of two rechargeable NiMH batteries, size AAA 1.2V 600mAh (Hr11/45). **IF THE INCORRECT TYPE OF BATTERIES ARE USED, A WARNING MESSAGE WILL BE DISPLAYED.**

Use only Philips Multi-Life 600mAh rechargeable NimH batteries. For servicing or replacement, you can purchase a suitable headset through service centre or retail shop.

2.4 Telephone connection

The voltage on the network is classified as TNV- 3 (Telecommunication Network Voltages, as defined in the standard UL

60950). Following a power cut, the call in progress is lost.

 **Caution**

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

2.5 Environmental care

Please remember to observe the local regulations regarding the disposal of your packaging materials, exhausted batteries and old phone and where possible promote their recycling.

2.6 Precautions

- Do not allow the handset to come into contact with liquids or moisture.
- Do not open the handset, base station or charger. This could expose you to high voltages.
- Do not allow the charging contacts of the charger or the battery to come into contact with extraneous conductive materials.
- There is a slight chance that the telephone could be damaged by an electrical storm. It is recommended that users unplug the phone from the USB socket and the phone line from the phone wall socket during a storm.
- Because the phone works by sending radio signals between the base unit and the handset, wearers of hearing

aids may experience interference in the form of a humming noise.

- We advise that this phone should not be used near intensive care medical equipment, nor by persons with pacemakers.
- Your phone can interfere with electrical equipment such as answering machines, TV and radio sets, clock radios and computers if placed too close. It is recommended that you position the base unit at least one meter from such appliances.

 **Caution**

Use only the mains adapter supplied with this telephone. Incorrect adapter polarity or voltage can seriously damage the unit.

Base adapter:

Input: 100 V - 240 VAC 50/60 Hz

Output: 6 VDC 500 mA

Charger adapter:

Input: 100 V - 240 VAC 50/60 Hz

Output: 6 VDC 210 mA

 **Caution**

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.

Never use non-rechargeable batteries; use recommended type supplied with this telephone. NiMH batteries must be disposed of in accordance with the applicable waste disposal regulations.

FCC CERTIFICATION NUMBER IS LOCATED ON THE CABINET BOTTOM

The term "IC:" before the certification number signifies that Industry Canada technical specifications were met. This certification means that the equipment

meets certain radio communications and operational requirements.

2.7 Equipment Approval Information

Your telephone equipment is approved for connection to the public switched telephone network and is in compliance with parts 15 and 68, FCC Rules and Regulations and the Technical Requirements for Telephone Terminal Equipment published by ACTA.

2.7.1 Notification to the Local Telephone Company

On the bottom of this equipment is a label indicating, among other information, the US number and Ringer Equivalence Number (REN) for the equipment. You must, upon request, provide this information to your telephone company.

The REN is useful in determining the number of devices you may connect to your telephone line and still have all of these devices ring when your telephone number is called. In most (but not all) areas, the sum of the RENs of all devices connected to one line should not exceed 5. To be certain of the number of devices you may connect to your line as determined by the REN, you should contact your local telephone company. A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the

applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

Notes

- This equipment may not be used on coin service provided by the telephone company.
- Party lines are subject to state tariffs, and therefore, you may not be able to use your own telephone equipment if you are on a party line. Check with your local telephone company.
- Notice must be given to the telephone company upon permanent disconnection of your telephone from your line.
- If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this product does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

2.7.2 Rights of the Phone Company

Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, where practicable, notify you that

temporary discontinuance of service may be required. Where prior notice is not practicable and the circumstances warrant such action, the telephone company may temporarily discontinue service immediately. In case of such temporary discontinuance, the telephone company must:

(1) promptly notify you of such temporary discontinuance; (2) afford you the opportunity to correct the situation; and (3) inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in Subpart E of Part 68, FCC Rules and Regulations. The telephone company may make changes in its communications facilities, equipment, operations or procedures where such action is required in the operation of its business and not inconsistent with FCC rules and Regulations. If these changes are expected to affect the use or performance of your telephone equipment, the telephone company must give you adequate notice, in writing, to allow you to maintain uninterrupted service.

2.8 Interference Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference; and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna (that is, the antenna for radio or television that is “receiving” the interference).
- Reorient or relocate and increase the separation between the telecommunications equipment and receiving antenna.
- Connect the telecommunications equipment into an outlet on a circuit different from that to which the receiving antenna is connected.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio / television technician for additional suggestions. Also, the Federal Communications

Commission has prepared a helpful booklet, "How To Identify and Resolve Radio/TV Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402. Please specify stock number 004-000-00345-4 when ordering copies. Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

2.9 Hearing Aid Compatibility (HAC)

This telephone system meets FCC and Industry Canada standards for Hearing Aid Compatibility.

2.10 FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. For hand held operation, this phone has been tested and meets the FCC RF exposure guidelines. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

3 Important

Take time to read this user manual before you use your phone. It contains important information and notes regarding your phone.

NOTICE: This product meets the applicable Industry Canada technical specifications.

The equipment must be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe systems, if present, are connected together. This precaution may be particularly important in rural areas. **CAUTION:** Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

NOTES: This equipment may not be used on coin service provided by the telephone company.

3.1 Power requirements

- This product requires an electrical supply of 100-240 volts AC. In case of power failure, the communication can be lost.
- The Electrical network is classified as hazardous. The only way to power down the charger is to unplug the power supply from the electrical outlet. Ensure that the electrical outlet is always easily accessible.
- The voltage on the network is classified as TNV-3 (Telecommunication Network Voltages), as defined in the standard UL 60950.

Warning

To avoid damage or malfunction:

- Do not allow the charging contacts or the battery to come into contact with metal objects.
- Do not open it as you could be exposed to high voltages.
- Do not allow the charger to come into contact with liquids.
- Never use any other battery than the one delivered with the product or recommended by Philips: risk of explosion.
- Always use the cables provided with the product.
- Handsfree activation could suddenly increase the volume in the earpiece to

a very high level: make sure the handset is not too close to your ear.

- This equipment is not designed to make emergency calls when the power fails. An alternative has to be made available to allow emergency calls.
- Do not expose the phone to excessive heat caused by heating equipment or direct sunlight.
- Do not drop your phone or allow objects to fall on your phone.
- Do not use any cleaning agents containing alcohol, ammonia, benzene, or abrasives as these may harm the set.
- Do not use the product in places where there are explosive hazards.
- Do not let small metal objects come into contact with the product. This can deteriorate audio quality and damage the product.
- Active mobile phones in the vicinity may cause interference.

About operating and storage temperatures:

- Operate in a place where temperature is always between 0 and 35° C (32 to 95° F).
- Store in a place where temperature is always between -20 and 70° C (-4 to 158° F).
- Battery life may be shortened in low temperature conditions.

Important

11

3.2 Electric, Magnetic and Electromagnetic Fields (“EMF”)

1. Philips Royal Electronics manufactures and sells many consumer oriented products which usually, as with any electronic apparatus, have the ability to emit and receive electro magnetic signals.
2. One of Philips' leading Business Principles is to take all necessary health and safety precautions for our products, to comply with all applicable legal requirements and to stay well within the EMF standards applicable at the time of producing the products.
3. Philips is committed to develop, produce and market products that cause no adverse health effects.
4. Philips confirms that if its products are handled properly for their intended use, they are safe to use according to scientific evidence available today.
5. Philips plays an active role in the development of international EMF and safety standards, enabling Philips to anticipate further developments in standardisation for early integration in its products.

3.3 Recycle your batteries

Do not dispose your rechargeable batteries. Call the toll free number 1-800-822-8837 to get instructions on how to recycle your batteries.

4 The RBRC® seal



The RBRC® Seal on the nickel metal hydride battery indicates that Philips Royal Electronics is voluntarily

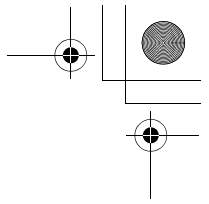
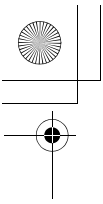
participating in an industry program to collect and recycle these batteries at the end of their useful lives, when taken out of service within the United States and Canada.

The RBRC® program provides a convenient alternative to placing used nickel metal hydride batteries into the trash or municipal waste, which may be illegal in your area.

Philips's participation in RBRC® makes it easy for you to drop off the spent battery at local retailers participating in the RBRC® program or at authorized Philips product service centers.

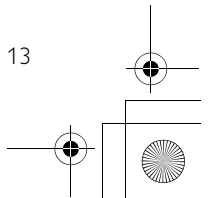
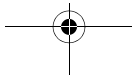
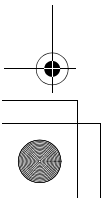
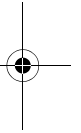
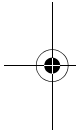
Please call 1-800-8-BATTERY for information on Ni-MH battery recycling and disposal bans/restrictions in your area. Philips's involvement in this program is part of its commitment to protecting our environment and conserving natural resources.

RBRC® is a registered trademark of Rechargeable Battery Recycling Corporation.



4.1 Service Centers

US service center
Philips Accessories & Computer
Peripherals North America 1881 Route
46 WestLedgeWood, NJ 07852
Phone: (800) 233-8413
E-mail support:
<http://www.support.philips.com/support>



5 Your phone

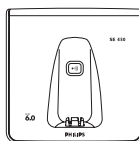
Congratulations on your purchase and welcome to Philips!

To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

5.1 What's in the box



Handset with belt clip



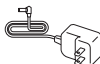
Base Station with bracket



Battery door



2 AAA rechargeable batteries



Power supply



Line cord



User manual



Guarantee



Do not return leaflet

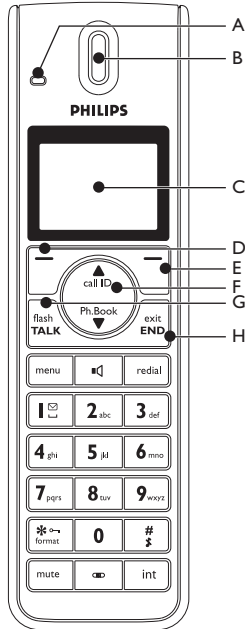


Quick Start Guide

Note

In multihandset packs, you will find one or more additional handsets, chargers with power supply units and additional rechargeable batteries.

5.2 Overview of your phone



A Event LED

If you have subscribed to Caller Line Identification, the event LED also blinks when there is a new call, or a new voice mail message.

B Earpiece

C Display

See section 5.3 for an overview of the display icons.

D Select key

Select the function displayed on the screen or go to the next lower level in a menu. Also used to confirm entries (for example when setting date and time).

E Back/Clear key

Press to clear (delete) a character or number when making an entry. Long press to clear all.

When navigating menus, press to move to the previous higher menu level (**Back** is displayed).

F Navigation keys

In idle mode: Scroll up \uparrow call ID to access the Call log and scroll down \downarrow Ph.Book to access the Phonebook.

During a call: Scroll \uparrow/\downarrow to increase or decrease earpiece and speaker volume.

Editing and entry: Move to the previous character \uparrow call ID or next character \downarrow Ph.Book.

In other modes: Scroll up \uparrow call ID and down \downarrow Ph.Book a menu list or go to the previous or next record in the Phonebook, Redial list, or Call log.

G Talk key

In idle mode: Make an external call or answer an incoming external or internal call.

During a call: Activate the flash function.

In other modes: Dial the selected number in the Phonebook, Redial list, or Call log.


H Hang-up/Exit key

In idle mode: Long press (5 seconds) to switch off the handset.

When the handset is switched off: Long press (1 second) to switch it on.

During a call: Hang up a call.

In other modes: Press to return to idle mode.

I Menu key 

In idle mode: Go to the main menu.

J Redial key 

Access the Redial list in idle mode.


K Loudspeaker key 



In idle mode: Turn on the loudspeaker and dial the number. Answer an incoming call using handsfree mode.

During a call: Toggle the loudspeaker on/off.

L Number keys

Use to dial numbers and write characters.

With key , a long press dials your voice mail subscriber access number.

With keys  to , a long press dials one of your direct memory access numbers.


M */Keypad lock & Format key 

In idle mode: Long press to lock/ unlock keypad.

Predialling or editing: Press to enter a “*”.*

Off hook: Long press to temporarily switch to tone (DTMF) dialling if using pulse.

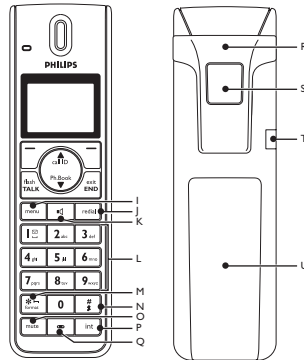
During call log display: Toggles area code and long distance display on/off.

N #/Ringer on/off & Pause key 


In idle mode: Long press to turn the ringer on/off.

Dialling or editing: Long press to insert a pause (during predialling) and short press to insert a “#”.

Editing: Short press to switch upper/ lower case.

**O Mute key** 

When off hook: Deactivate/activate the microphone.

P Call transfer key & Intercom key 

In idle mode: Initiate an internal call.

During a call: Short press to hold the line and page another handset. Long press to set up a conference between an external call and two handsets.


Q Microphone**R Belt clip****S Loudspeaker (underneath the belt clip)****Warning**


Handsfree activation can suddenly increase the volume of the earpiece to a very high level. Make sure the handset is not too close to your ear.

T Headset jack**U Battery door**

5.3 Display icons and Messages





 Indicates that the battery is fully charged. This icon blinks during charge and when the battery is low.


 When the icon is empty the battery is practically discharged.


Note


If **Warning Batt** flashes together with a blinking battery icon, batteries of the wrong type are installed in the handset. Replace with batteries of the correct type.


 Blinks when there is an incoming call. Steady On during a call.


 Blinks when there is new voice mail.

 Indicates new and missed calls in the call log records. Blinks when there are missed calls.

 Appears when the alarm clock is activated. Blinks when the alarm time comes.


 Appears when the loudspeaker is activated.

 Appears when the ringer is off.

 Indicates that the handset is registered and within range of the base station. Icon blinks when the handset is out of range or is searching for a base.

Select/OK **Select** appears when in menu mode. Press the key directly below to move to the next menu level or to confirm a selection.

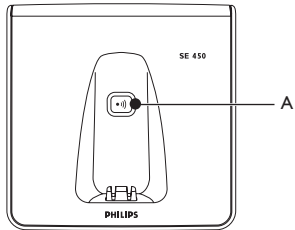
OK appears to request confirmation of an operation. Press the key directly below to confirm.

 Indicates that more options are available in a scroll list, or that you can adjust the volume.

Back/Clear **Back** appears when in menu mode. Press the key directly below to return to the previous menu level.

Clear appears when making an entry. Press the key directly below to clear (delete) a character or number when making an entry. Long press to clear all.

5.4 Overview of the base station



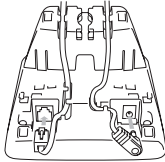
A Paging key

Page handset.
Long press to start registration
procedure.

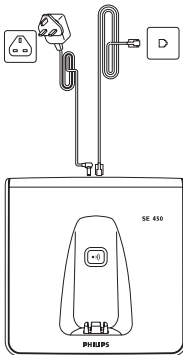
6 Getting started

6.1 Connect the base station

- 1** Place the base station in a central location near the telephone line socket and electricity socket.
- 2** Connect the line cord and the power cable to their corresponding connectors at the back of the base station.



- 3** Connect the other end of the line cord and power cable to their respective sockets.



Note

The line adaptor may not be attached to the line cord. In this case, you have to connect the line adaptor to the line cord first before plugging the line cord to the line socket.

Warning


Avoid placing the base station too close to large metal objects such as filing cabinets, radiators or electrical appliances. This can impair the range and sound quality. Buildings with thick internal and external walls may impair transmission of signals to and from the base.

Warning

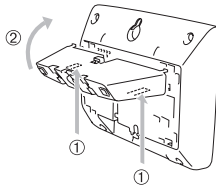
Power is applied when the power adaptor is plugged into the unit and connected to the electricity socket. The only way to power down the unit is to unplug the power adaptor from the electricity socket. Therefore, ensure that the electricity socket is easily accessible. The power adaptor and telephone line cord have to be connected correctly, as incorrect connection could damage the unit. Always use the telephone line cord supplied with the unit. Otherwise, you may not get a dial tone.

6.2 Wall mounting the base

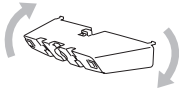
The base is designed to support wall mounting. To wall mount the base, follow the instructions below.

- 1** Remove the bracket from the back of the base station by  pressing the two latches on the inside of the

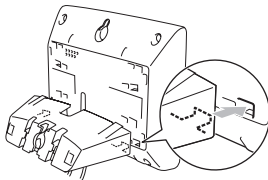
bracket and ② rotating the bracket outward.



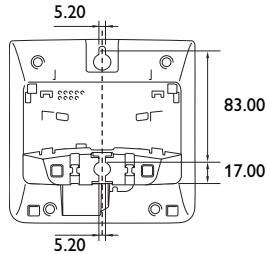
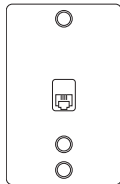
2 Turn the bracket around.



3 Attach the bracket to the opposite side of the base station.



4 Use the pedestal wall mounting to plug your base station.



6.3 Install your phone

Before using the handset, the batteries have to be installed and fully charged.

⚠ Warning

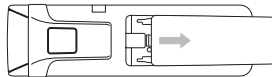
When the batteries are inserted for the first time, the unit will not be able to start normally due to the low battery. You must charge the batteries on the base station before you can use the handset.

6.3.1 Install battery

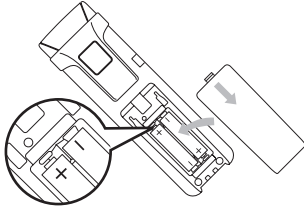
⚠ Warning

Always use AAA rechargeable batteries supplied with your unit. If alkaline batteries are used instead of rechargeable batteries, “**Warning Batt**” will show on the display and the battery icon will blink quickly.


1 Slide out the battery cover.



- Place the batteries in the correct polarity as indicated and replace the cover.



hours) and discharging, allowing approximately 12 hours of talk-time and 150 hours of stand-by time.

The indoor and outdoor range of the phone is up to 50 metres and 300 metres respectively. When the handset moves beyond the operation range, the antenna icon  will blink.



*** Tip**

When you reach the range limit the conversation may become crackly. Move closer to the base.

6.3.2 Charge battery

⚠ Warning

The handset must be charged for at least 24 hours before using it for the first time. When the battery level becomes low, the low battery sensor warns you by blinking the battery icon. If this occurs during a conversation, an alert tone sounds to inform you that the battery is low. If the battery level becomes exceedingly low, the phone automatically switches off shortly after the icon starts blinking and any function in progress will not be saved.

- Place the handset on the charging cradle of the base station. A beep is emitted if the handset is placed correctly.
- The battery icon  on the display blinks during charge.
- The battery icon  becomes steady when the handset is fully charged.

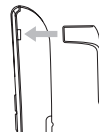
⊖ Note

Optimal battery life is reached after 3 cycles of complete charging (over 15

6.4 Remove/Attach belt clip

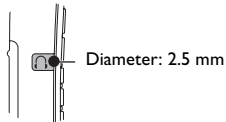
A belt clip allows you to carry your handset on your belt.

- To remove the belt clip, simply pull the clip away from the handset.
- To attach the belt clip to your handset, fit the tabs on the belt clip into the slots at the back of the handset and push into place.



6.5 Install optional headset

Your phone may be used with an optional headset (not included in the box). To use this feature, insert the headset plug into the headset jack. Your phone is ready for hands-free conversations.








6.6 Using multipacks



If you have purchased a multipack you will have additional handsets, chargers, power adaptors and AAA rechargeable batteries.



- 1** Plug the chargers into a power socket.
- 2** Install the batteries supplied into the handsets.
- 3** Place the handsets on the chargers to charge the batteries.

6.7 Menu structure

The SE450 has five menus as shown in the following table.

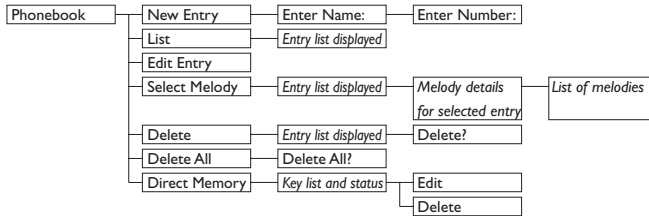
	Menu Name	Icon
1	Phonebook	
2	Personal Settings	
3	Clock and Alarm	
4	Advanced Settings	
5	Network Services	

Press the menu key  to enter menu mode. Use navigation keys  to navigate within the menus and all submenus.

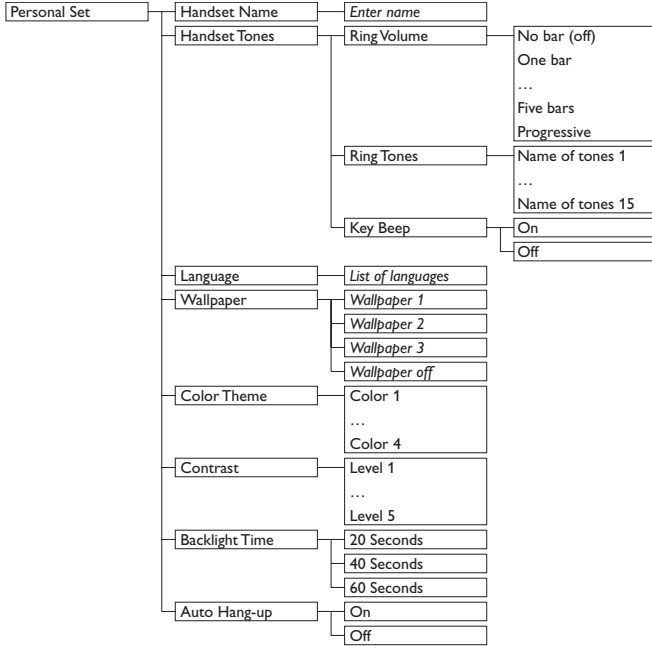
Press  **Select** to enter the next lower menu level. Press  **Back** to go to the previous menu level.

The charts below show the menu trees of your phone.

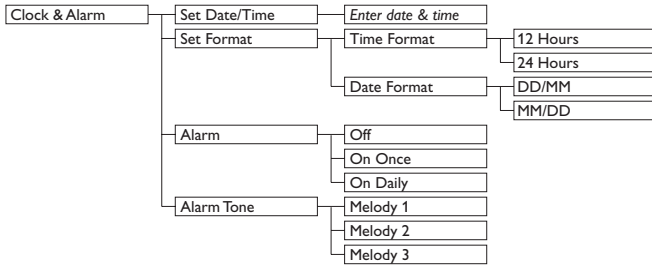
Phonebook



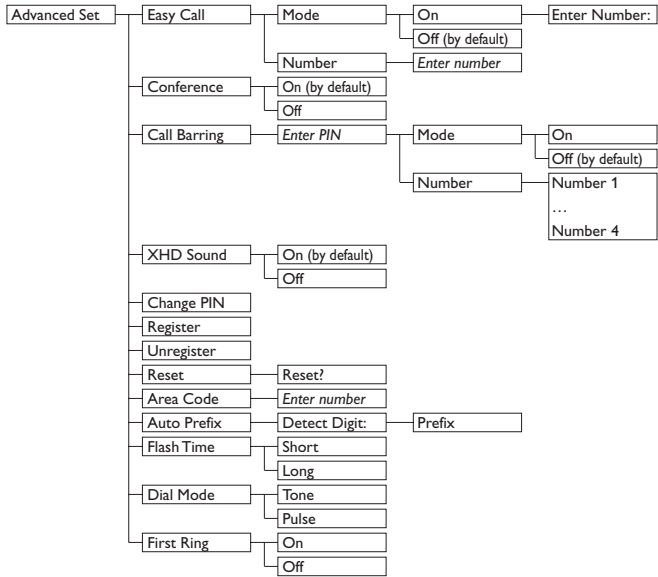
Personal Settings



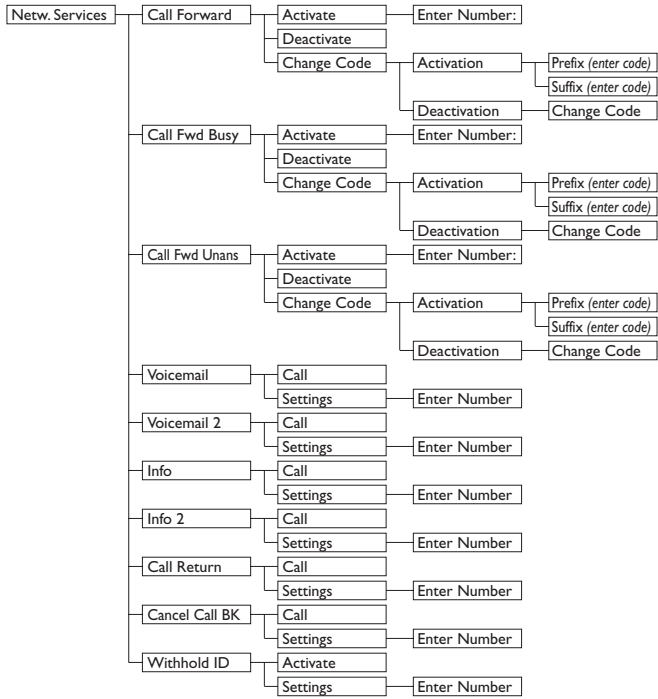
Clock and Alarm



Advanced Settings





Network Services





7 Using your phone

7.1 Make a call









7.1.1 Predialling

- 1** Enter the number. (A maximum of 24 digits including * and # are allowed. Press  **Clear** to delete the last digit.) Or long press to delete all.
- 2** Press .
 - The call is initiated.

7.1.2 Direct dialling

- 1** Pick up the handset and press . (Or press  to start a call in speaker mode.)
- 2** Dial the number.
 - The call is initiated.



7.1.3 Call from redial list

- 1** Press  in idle mode.
 - 2** Scroll  to an entry in the redial list.
 - 3** Press .
 - The call is initiated.
-  **Note**
- In multihandset packs, each handset has its own redial list.
 - You can also press  first and then press  **Redial** to enter the redial list. Then scroll  to select a number in the list and press  **Select**. The number is dialed automatically.

7.1.4 Call from the call log

Note

- In multihandset packs, the call log is shared between all handsets.
- You need to subscribe to Caller Line Identification service to be able to see the caller's number or name in the call log. See section 8.9.1 - "Access the Call log".




- 1** Press  in idle mode, then scroll  to an entry in the call list.

Note




If the list is empty, then "List Empty" is displayed.

- 2** Press .
 - The call is initiated.




7.1.5 Call from the phonebook

- 1** Press  in idle mode.
- 2** Scroll  to a phonebook entry.
- 3** Press .
 - The call is initiated.

Tip

Instead of scrolling  to browse the phonebook entries, you can press the numeric key corresponding to the first letter of the entry you wish to locate. For example, pressing  will show the entries starting with A. Pressing  again will show the entries starting with B, etc.



7.1.6 Call from the phonebook while already on the phone

- 1** While on the phone, press  **Option** and then  **Select** to enter the phonebook name list.
- 2** Scroll  to a phonebook entry.

3 Press  **Select**.

- The call is initiated.


7.1.7 Call using Direct Access Memory

Press a number key  to  for more than 2 seconds to dial a stored direct access memory number.

 **Note**


- In multihandset packs, each handset has its own direct access memories.
- See section 8.6.7 for instructions on how to store, edit, and delete direct access memory numbers.

7.1.8 Enter a Dialing Pause

Long press  to enter a pause in the dialling sequence. The pause is indicated by a P.

7.2 Answer a call **Danger**

When the handset rings during an incoming call, please do not hold the handset too close to your ear as the volume of the ringing tone may damage your hearing.


When the phone rings, press the  key.

- The call is established.

 **Note**


- Incoming call has priority over other events. Whenever there is an incoming call, other status in progress such as phone setting, menu navigation, etc will be aborted.

 **Tip**

You can mute the ring tone of an incoming call before answering by pressing on  **Silent**.


7.2.1 Handsfree answering **Danger**

Handsfree activation can suddenly increase the volume in the earpiece to a very high level. Make sure the handset is not too close to your ear.

When the phone rings, press .

- The handset loudspeaker is activated.

7.3 End a call

To end a conversation, press .

- The call ends.

 **Tip**


When auto hang-up is on, you can simply place the handset back to its base station or charger to end the call. This feature is activated by default.


 **Note**

The call duration (MM:SS) will be displayed on the handset screen for about 5 seconds.


8 Use more of your phone

8.1 Switch the handset off/on

To switch the handset off, press and hold  in idle mode for at least 5 seconds.





To switch it on, press and hold  for at least one second.

8.2 Keypad lock/unlock







Press and hold  for 3 seconds to lock/unlock the keypad in idle mode.





8.3 Text or number entry

When you select a field in which you can enter text, you can enter the letters that are printed on the keys by pressing the relevant key once or several times. For example, to enter the name "PAUL":




- 1** Press  once: P
- 2** Press  once: PA
- 3** Press  twice: PAU
- 4** Press  three times: PAUL

The table below gives you the character assignment during text or number entry:

Keys	Assigned characters
	. 0 , / : ; " ' ! ; ? ; * + - % \ ^ ~
	SPACE 1 @ _ # = < > () & € £ \$ ¥ [] { } □ § ...
	a b c 2 â æ ä å
	d e f 3 é ê ë Æ Δ Φ
	g h i 4 i Γ
	j k l 5 Λ

Keys	Assigned characters
	m n o 6 ñ õ ö
	p q r s 7 ß Π Θ Σ
	t u v 8 ú û
	w x y z 9 ø Ω Ξ Ψ

Tip

- Press  **Clear** to delete the last digit or character entered or long press to delete all.
- Short press  to shift between lowercase and uppercase.
- Long press  to insert a pause.

8.4 Call in progress



Some options are available to you during a call. The available options are :

8.4.1 Adjust earpiece or speaker volume

During a call, press  to select from level 1 to level 5.

8.4.2 Mute/Unmute microphone

When the microphone is muted, your correspondent cannot hear you.



- 1** During a call, press  to turn off the microphone.
- 2** Press  again to turn on the microphone.

8.4.3 Activate/Deactivate loudspeaker mode

Danger







Handsfree activation can suddenly increase the volume in the earpiece to a

very high level. Make sure the handset is not too close to your ear.

- 1 During a call, press  to activate the loudspeaker mode.
- 2 Press  again to return to deactivate the loudspeaker mode.

8.5 Chain dialing

This feature allows you to dial an extension to a number already saved in the phonebook during a call.

- 1 Press  or  on the handset to take the line. Then, press  **Option** and then  **Select** to enter the phonebook name list.
- 2 Scroll  to a phonebook entry.
- 3 Press  **Select**.
 - The first part is dialed.
- 4 Enter the extension.

8.6 Using your Phonebook









Your phone can store up to 100 phonebook memories. Each phonebook entry can have a maximum of 24 digits for the phone number and 14 characters for the name.

All names and numbers in the phonebook must be unique.

Note

If you have more than one handset, the phonebook can only be accessed by one user at a time.





8.6.1 Store a contact in the phonebook

- 1 Press  in idle mode. **Phonebook** is highlighted; press  **Select**.
 - 2 **New Entry** is highlighted; press  **Select**.
 - 3 **Enter Name** is displayed. Enter the name of the contact (maximum 14 characters) and press  **OK**.
 - 4 **Enter Number** is displayed. Enter the number (maximum 24 digits) and press  **OK**.
 - A validation tone is emitted.
-  **Note**
- Press  **Clear** to delete the last digit or character entered or long press to delete all.
 - To return to the previous menu, press  **Back**.

Tip

You cannot store a new phonebook entry when the memory is full. In this case, you have to delete existing entries to make space for new entries.

8.6.2 Access phonebook

- 1 Press  in idle mode and scroll  to browse the phonebook. (You can also access the phonebook through the menu mode.  → **Phonebook** → **List**)
 - The phonebook entries will be listed in alphabetical order.
- 2 To view the details, press  **View**.

* Tip

Instead of scrolling \uparrow to browse the phonebook entries, you can press the numeric key corresponding to the first letter of the entry you wish to locate. For example, pressing $2_{[abc]}$ will show the entries starting with A. Pressing $2_{[abc]}$ again will show the entries starting with B, etc.

- Press $1_{[end]}$ to dial the number. (Press $1_{[end]}$ to return to idle mode.)

8.6.3 Modify a phonebook entry

- Press $1_{[menu]}$ in idle mode. **Phonebook** is highlighted; press \leftarrow **Select**.
- Scroll \uparrow to **Edit Entry** and press \leftarrow **Select**.
- Scroll \uparrow to select an entry to edit.
- Press \leftarrow **Select** to display the name.
- Press \leftarrow **Clear** to erase the letters one by one.
- Edit the name and press \leftarrow **OK** to confirm.
- Edit the number and press \leftarrow **OK** to confirm.
 - A validation tone is emitted.

⊖ Note

While editing, press \leftarrow **Clear** to delete the last digit or character entered or long press to delete all.

8.6.4 Select phonebook melody

With this function you can personalize the melody played when someone in the phonebook calls you.

⊖ Note

You need to subscribe to Caller Line Identification service to be able to benefit from this feature.

- Press $1_{[menu]}$ in idle mode. **Phonebook** is highlighted; press \leftarrow **Select**.
- Scroll \uparrow to **Select Melody** and press \leftarrow **Select**.
- Scroll \uparrow to the entry you want to select a melody for, then press \leftarrow **View**.
- The screen shows the melody currently selected for that entry. Press \leftarrow **Change** to change the melody.
- Scroll \uparrow the list of melodies. (There are 15 melodies plus **No Melody** to choose from. The melodies play as you scroll through them.)
- Press \leftarrow **Select** to select the melody you prefer.
 - A validation tone is emitted and the screen returns to the **Phonebook** menu.

⊖ Note

When first ring detection is set **On**, a normal tone sounds first, then it changes to the personalized phonebook melody. When it is set **Off**, the personalized phonebook melody plays from the start. See Section 10.13 for how to set first ring detection **On** or **Off**.

8.6.5 Delete a phonebook entry

- 1 Press **menu** in idle mode.
Phonebook is highlighted; press **Select**.
- 2 Scroll **Up** to **Delete** and press **Select**.
- 3 Scroll **Up** to select an entry to delete and press **Select**.
- 4 **Delete?** is displayed on the screen. Press **OK** to confirm deletion.
 - A validation tone is emitted.

Note

Press **Back** to discard the deletion. The screen returns to the phonebook list.

8.6.6 Delete all phonebook entries

- 1 Press **menu** in idle mode.
Phonebook is highlighted; press **Select**.
- 2 Scroll **Up** to **Delete All** and press **Select**.
- 3 **Delete All?** is displayed on the screen. Press **OK** to confirm deletion.
 - A validation tone is emitted.

8.6.7 Direct Access Memory

There are 7 direct access memories (Keys **3_{mem}** to **9_{mem}**) included in the phonebook memory. A long press on the keys in idle mode will automatically dial the stored phone number.

Note

Key **1_{mem}** and key **2_{mem}** are reserved for use with Voicemail 1 and Voicemail 2 in the network services menu. If you subscribe

to these services, this allows you to dial your voice mail access numbers using key **1_{mem}** or key **2_{mem}**.









8.6.7.1 Add/Edit Direct Access Memory

- 1 Press **menu** in idle mode.
Phonebook is highlighted; press **Select**.
- 2 Scroll **Up** to **Direct Memory** and press **Select**.
 - The current number stored in the direct access memory location will be displayed. If no number is stored, **No number** will be displayed.
- 3 Scroll **Up** to the key you wish to edit (**Key 3** to **Key 9**) and press **Menu**.
- 4 Scroll **Up** to **Edit** and press **Select**.
- 5 The Phonebook list will be displayed. Scroll **Up** to the Phonebook entry you wish to store in the selected direct access memory number and press **Select**.
- 6 Press **OK** to confirm.
 - A validation tone is emitted and the screen returns to the previous menu.

Note

Each handset has its own direct access memories.




8.6.7.2 Delete Direct Access Memory



- 1 Press  in idle mode. **Phonebook** is highlighted; press  **Select**.
- 2 Scroll  to **Direct Memory** and press  **Select**.
- 3 Scroll  to the key you wish to delete the memory from and press  **Menu**.
- 4 Scroll  to **Delete** and press  **Select**.
 - A validation tone is emitted and the screen returns to the previous menu.

8.7 Using the Redial list








The redial list stores the last 10 numbers dialed. A maximum of 32 digits can be displayed for each entry.

8.7.1 Access Redial list








- 1 Press  to go to the redial list and scroll  to browse the redial list.
 - The last number dialed will appear first in the redial list. If the redial number matches a phonebook entry, the name will be displayed instead.
- 2 To open the redial list options, press  **Menu**.




 **Note**
Press  **Back** to return to the previous menu.

8.7.2 View redial number details







- 1 Press  in idle mode, scroll  to select an entry and press  **Menu**.
- 2 **View** is highlighted on the screen; press  **Select** to display information about the number dialed.
- 3 Press  **Next** to display further information. Afterward, you can press  **Prev.** to return to the former screen. After viewing, press  **Back** to return to previous menu levels.

8.7.3 Save a redial number into the phonebook


- 1 Press  in idle mode, scroll  to select an entry and press  **Menu**.
- 2 **View** is highlighted on the screen. Scroll  to **Save Number** and press  **Select**.
- 3 **Enter Name** is displayed. Enter the name of the contact (maximum 14 characters) and press  **OK**.
- 4 **Enter Number** is displayed and the selected number from the redial list appears in the number field. At this time you can edit the number if you wish to.
- 5 Press  **OK**. The screen returns to the redial list.

 **Note**
Press  **Clear** to delete the last digit or character entered. Long press  **Clear** to clear the entire entry.






8.7.4 Delete a redial number

- 1 Press  in idle mode, scroll  to select an entry and press  **Menu**.
- 2 Scroll  to **Delete** and press  **Select**.
- 3 **Delete?** is displayed on the screen.
- 4 Press  **OK** to confirm deletion.
 - A validation tone is emitted.

Note

Press  **Back** to discard the deletion. The screen returns to the previous menu.

8.7.5 Delete all redial numbers


- 1 Press  in idle mode, and press  **Menu**.
- 2 Scroll  to **Delete All** and press  **Select**.
- 3 **Delete All?** is displayed on the screen.
- 4 Press  **OK** to confirm deletion.
 - A validation tone is emitted.


8.8 Call waiting

If you have subscribed to Call Waiting services, the earpiece will emit a beep tone to inform you that there is a second incoming call. The number or name of the second caller will also be displayed if you have subscribed to Caller Line Identification service (CLI). Please contact your network provider for more information on this service.

To answer the second call, press .

8.9 Using the Call log






The call log stores the last 50 external calls and any new voice mail received. In idle mode, the  icon flashes on the display for new and unanswered calls. If you have subscribed to Caller Line Identification (CLI), and provided the identity of the caller is not withheld, the name (or number) of the caller will be displayed.

During CLI display, you can press  to toggle area code and long distance code display on/off.


Note

If the identity of the caller is withheld, **External Call** is displayed in the call log along with the date and time of the call. If you have not subscribed to Caller Line Identification service, there will not be any caller information displayed in the call log.

8.9.1 Access the Call log







- 1 Press  in idle mode, and then scroll  to browse the call log.
 - The calls (missed and received) are displayed in chronological order with the most recent call at the top of the list. If the call is unviewed and unanswered, **New** appears on the display. After you view the message, **New** disappears.
 - Press  to dial out the number of the selected call log entry.
- 2 To view the call details, press  **Menu** and then press  **Select**.

The display shows the caller information.

- Press  **Back** at any time to return to the previous menu.

8.9.1.1 To choose the format for call log display



You must choose the correct format to dial the area code and number of the call log record chosen. The original incoming number from the call log will appear as a 7, 10 or 11-digit number. If it is a long distance call, the prefix digit 1 will automatically appear in front of the 10-digit local calls.

- 1 When viewing the call log, press  to change the format of the call log display as it should be dialed from your location. For example, if the call log entry appears as "234-567-8900":
 - Press  once to display "1-234-567-8900"
 - Press  twice to display "567-8900"
 - Press  3 times to display "1-567-8900"
 - Press  4 times to display "234-567-8900" again.
- 2 To dial the current displayed number, press  key.
 - The call is initiated.








Note

You need to subscribe to Caller Line Identification service to be able to see the caller's number or name in the call log (see section 8.9.1 - "Access the Call log").


When you store an incoming number in the phonebook, the digits of the number will be saved exactly as they appear on the screen.

If the first 3 digits of the incoming number corresponds to the local area code set in your phone, they will be filtered automatically when you press the  or  key to dial. To change the local area code, see section 10.9 - "Set Area Code".






8.9.2 Save call list entry into the phonebook

- 1 Press  in idle mode, and then scroll  to select an entry and press  **Menu**.
- 2 Scroll  to **Save Number** and press  **Select**.
- 3 **Enter Name** is displayed on the screen. Enter the name of the contact (maximum 14 characters) and press  **OK**.
- 4 **Enter Number** is displayed and the selected number from the call list appears in the number field. At this time you can edit the number if you wish to.
- 5 Press  **OK**.
 - A confirmation tone sounds and the screen returns to call log.


Note

Press  **Clear** to delete the last digit or character entered or long press to delete all.





8.9.3 Delete a call list entry

- 1 Press **call ID** in idle mode, and then scroll  to select an entry and select  **Menu**.
- 2 Scroll  to **Delete** and press  **Select**.
- 3 **Delete?** is displayed on the screen.
- 4 Press  **OK** to confirm deletion.
 - A validation tone is emitted, the call list entry is deleted, and the display goes to the next entry in the call list.

Note

Press  **Back** to discard the deletion. The screen returns to the **Call List** menu.

8.9.4 Delete all call list entries

- 1 Press **call ID** in idle mode, and then press  **Menu**.
- 2 Scroll  to **Delete All** and press  **Select**.
- 3 **Delete All?** is displayed on the screen. Press  **OK** to confirm deletion.
 - A validation tone is emitted. The display shows **List Empty** for 2 seconds and returns to the idle mode.

8.10 Using the Intercom



Warning






Intercom and call transfer is only possible when you have at least 2 handsets registered to the same base station.

It allows you to make free internal calls, transfer external calls from one handset to another and use the conference option.


8.10.1 Intercom another handset

Note


If the handset does not belong to SE450/455 range, this function may not be available.





- 1 Press  in idle mode.
 - Intercom is established immediately if there are only 2 registered handsets.
- 2 If there are more than 2 registered handsets, scroll  to select the handset to call and press  **OK**.
 - Once the intercom call is initiated the  icon is displayed on the handset.
- 3 Press  on the called handset.
 - The intercom is established.

Note


Pressing  on any handset will exit intercom mode and return other handsets to idle mode. If an external call arrives during intercom mode and you want to accept this call, you must first exit intercom mode.

8.10.2 Transfer an external call to another handset



- 1 During the call, press  to put the external call on hold (the caller can no longer hear you).
 - The display shows the numbers of the handsets registered to the base.

- 2 Press  to the handset number you wish to transfer your external call to and press  **Select**.
- 3 Press  on the called handset to answer the internal call, where both internal callers can talk.
 - Intercom is established.
- 4 Press  on the first handset to transfer the external call to the called handset.
 - The external call is transferred.


Note

If there is no answer from the called handset, press  to resume the external call.

8.10.3 Answer an external call during intercom







- 1 During intercom, a new call tone is emitted when there is an incoming external call.
- 2 Press  to exit intercom mode.
- 3 Press  to pick up the external call.

8.10.4 Switch between an internal and external call

During the call, press  to switch between an internal or external call.




8.10.5 Establish a three-party conference call

The conference call feature allows one external call to be shared with two handsets (in intercom). The three parties can share the conversation and no network subscription is required.

- 1 During the call, press  to put the external call on hold (the caller can no longer hear you).
 - The display shows the numbers of the handsets registered to the base.
- 2 Scroll  to the number of the handset you wish to establish the conference call with and press  **Select**.
- 3 Press  on the called handset to answer the internal call, where both internal callers can talk.
 - Intercom is established.
- 4 Press  **Conf.** or long press  on the first handset to start the three-party conference.
 - **Conference** will be displayed on the screen once the conference call is established.

8.11 Handset locator

The handset locator feature enables you to locate a missing handset if the handset is in range and contains charged batteries.

- 1 Press  on the base station.
 - All the registered handsets start to ring.
 - Once a handset is found, press  **Silent** on a handset to stop its ringing.
- 2 Press  again to end the handset locator.









Note

If there are no key presses within 30 seconds, the handset will automatically return to idle mode.

8.12 Clock and Alarm settings

This feature allows you to set the date, time and alarm settings for your phone.

8.12.1 Set Date and Time







- 1 Press  in idle mode, scroll  to **Clock & Alarm**, and press  to **Select**.
- 2 **Set Date/Time** is highlighted. Press  **Select**.
- 3 The last stored date and time are displayed. Enter the current time and current date (HH:MM DD/MM/YY). Press  to move the cursor left, or press  to move it right. If using the 12 hour format, just after setting the minutes, use  to switch between AM and PM.
- 4 Press  **OK**.
 - A validation tone is emitted and the screen returns to the idle mode.


Note


You can change the format as shown in the next section.

8.12.2 Set Time and Date Format










8.12.2.1 Set Time Format

- 1 Press  in idle mode, scroll  to **Clock & Alarm**, and press  to **Select**.
- 2 Scroll  to **Set Format** and press  **Select**.
- 3 **Time Format** is highlighted in the display. Press  **Select**, then










scroll  to select **12hours** or **24hours**.


- 4 Press  **Select** to select the option.
 - A validation tone is emitted and the screen returns to the **Set Format** menu.

8.12.2.2 Set Date Format

- 1 Press  in idle mode, scroll  to **Clock & Alarm**, and press  to **Select**.
- 2 Scroll  to **Set Format** and press  **Select**.
- 3 Scroll  to **Date Format** and press  **Select**.
- 4 Scroll  to select **DD/MM** or **MM/DD** and press  **Select** to select the option.
 - A validation tone is emitted and the screen returns to the **Set Format** menu.

8.12.3 Set Alarm








- 1 Press  in idle mode, scroll  to **Clock & Alarm**, and press  to **Select**.
- 2 Scroll  to **Alarm** and press  **Select**.
- 3 Scroll  to **Off**, **On Once**, or **On Daily** and press  **Select**.
- 4 If you select **On Once** or **On Daily**, enter the time (HH-MM) for the alarm. (If using the 12 hour format, you can switch between AM and PM by pressing .) Press  **OK** to confirm.







- A validation tone is emitted and the screen returns to the **Alarm** menu. And the alarm icon  is displayed.
- If you select **Off**, a validation tone is emitted and the screen returns to the **Clock & Alarm** menu.

Note

The alarm tone and alarm icon will sound/blink for 1 minute when the alarm time is reached. To mute the alarm tone, simply press any key on the handset.

8.12.4 Set Alarm Tone

- 1 Press  in idle mode, scroll  to **Clock & Alarm**, and press  **Select**.
- 2 Scroll  to **Alarm Tone** and press  **Select**.
- 3 Scroll  to select the tone. (Three tones are available. The tones sound as you scroll.) Press  **Select** to confirm your selection.
 - A validation tone is emitted and the screen returns to the **Clock & Alarm** menu.

- 1 Press  in idle mode, scroll  to **Personal Set** and press  **Select**.
- 2 **Handset Name** is highlighted; press  **Select**.
- 3 The last stored name is displayed. Press  **Clear** to delete the characters one by one or a long press to delete all.
- 4 Enter the new name and press  **OK** to confirm.
 - A validation tone is emitted and the screen returns to the **Personal Set** menu.







9.2 Handset Tones

9.2.1 Set the Ring Volume

Danger

When the handset rings during an incoming call, please do not hold the handset too close to your ear as the volume of the ringing tone may damage your hearing.



In multihandset packs, you can set the ring volume independently on each registered handset. There are 5 ringer volume levels plus progressive and off. The default is level 3.

- 1 Press  in idle mode, scroll  to **Personal Set**, and press  to **Select**.
- 2 Scroll  to **Handset Tones** and press  **Select**. **Ring Volume** is highlighted; press  **Select**.


9 Personal settings

9.1 Change the Handset Name

You can name the handset and display the handset name in idle mode. The default handset name of your handset is Philips.

- 3 Scroll  to your desired volume level. The ring tone sounds at each level.
- 4 Press  **OK** to confirm.
 - A validation tone is emitted and the screen returns to the **Handset Tones** menu.










Note

If ring volume is set to off, the  icon will be displayed on the screen.

If ring volume is set to progressive, the ringer will start at level 1 and go up one level volume every ring.










9.2.2 Set the Ring Tones

There are 15 ring tones available on your handset.

- 1 Press  in idle mode, scroll  to **Personal Set**, and press  **Select**.
- 2 Scroll  to **Handset Tones** and press  **Select**. Then scroll  to **Ring Tones** and press  **Select**.
- 3 Scroll  to your desired melody. The melodies will play as you scroll them.
- 4 Press  **Select** to set the ring tone.
 - A validation tone is emitted and the screen returns to the **Handset Tones** menu.








9.2.3 Activate/Deactivate Key Beep

A single beep tone is emitted when a key is pressed. You can enable or disable the key beep.

- 1 Press  in idle mode, scroll  to **Personal Set**, and press  **Select**.
- 2 Scroll  to **Handset Tones** and press  **Select**. Then scroll  to **Key Beep** and press  **Select**.
- 3 Scroll  to select **On** or **Off** and press  **Select** to confirm.
 - A validation tone is emitted and the screen returns to the **Handset Tones** menu.

9.3 Change the Display Language

Your handset can support different display languages.








- 1 Press  in idle mode, scroll  to **Personal Set**, and press  **Select**.
- 2 Scroll  to **Language** and press  **Select**.
- 3 Scroll  to your desired language and press  **Select** to confirm.
 - A validation tone is emitted and the screen returns to the **Personal Set** menu.

Note

Once the display language is set, the option menus on the handset will immediately switch to display in the selected language.








9.4 Select the Display Wallpaper

There are 3 wallpaper images available on your handset as well as an option to set it off.

- 1 Press  in idle mode, scroll  to **Personal Set**, and press  **Select**.
- 2 Scroll  to **Wallpaper** and press  **Select**.
- 3 Scroll  to your desired wallpaper. The image on the display will change as you scroll.
- 4 Press  **Select** to confirm.
 - A validation tone is emitted and the screen returns to the **Personal Set** menu.




9.5 Select the Color Theme





There are 4 color themes available on your handset.

- 1 Press  in idle mode, scroll  to **Personal Set**, and press  **Select**.
- 2 Scroll  to **Color Theme** and press  **Select**.
- 3 Scroll  to your desired color theme. The color theme used on the display will change as you scroll.
- 4 Press  **Select** to confirm.
 - A validation tone is emitted and the screen returns to the **Personal Set** menu.

9.6 Set the Display Contrast








You can change the contrast of the text on the display. There are 5 contrast levels available on your handset. The default is level 3.

- 1 Press  in idle mode, scroll  to **Personal Set**, and press  **Select**.

- 2 Scroll  to **Contrast** and press  **Select**.
- 3 Scroll  to the desired display contrast, and press  **Select** to confirm.
 - A validation tone is emitted and the screen returns to the **Personal Set** menu.

9.7 Set the Backlight Time

You can change the backlight timing for the display. There are 3 options available - 20, 40, or 60 seconds.








- 1 Press  in idle mode, scroll  to **Personal Set**, and press  **Select**.
- 2 Scroll  to **Backlight Time** and press  **Select**.
- 3 Scroll  to the desired backlight time, and press  **Select** to confirm.
 - A validation tone is emitted and the screen returns to the **Personal Set** menu.




9.8 Deactivate/Activate Auto Hang-Up

If auto hang-up is set to On, it will automatically release the line when the phone is put back on the cradle.

If auto Hang-up is set to Off, putting the handset back on the cradle while in talk mode will switch the handset to hands free talk mode. This allows you to charge the handset during calls.





The default setting for auto hang up is On.

- 1 Press  in idle mode, scroll  to **Personal Set**, and press  **Select**.
- 2 Scroll  to **Auto Hang-up** and press  **Select**.
- 3 Scroll  to **On** or **Off** and press  **Select** to confirm.
 - A validation tone is emitted and the screen returns to the **Personal Set** menu.

- If an Easy Call number has not been set, you will be prompted to input the Easy Call number.
- If an Easy call number has already been set, the screen returns to idle mode. If you want to edit the number, press  **Cancel** and scroll to Number and press  **Select**, edit the new number and press  **OK**.


Note

When you switch Easy Call on, **Easy Call On** will be displayed on your screen in standby mode. You can still answer any incoming call as normal.

To switch Easy Call off from idle mode, press  **Cancel**. **Mode** is highlighted in the display. Press  **Select** again to select **Mode**, and then scroll  to **Off**. Press  **Select** to confirm.








10 Advanced settings

10.1 Easy Call








When activated, this feature allows you to dial a preset number by pressing any key on the handset (except  **Cancel**). This feature is useful for fast access to emergency services.

10.1.1 Set Easy Call to On or Off

Follow this procedure to switch Easy Call on. To switch Easy Call off, see the Note at the end of this section.

- 1 Press  in idle mode, scroll  to **Advanced Set** and press  **Select**.
- 2 **Easy Call** is highlighted. Press  **Select** to enter the Easy Call menu.
- 3 **Mode** is highlighted in the display. Press  **Select** again to select **Mode**, then scroll  to **On**.
- 4 Press  **Select** to confirm the selection.

10.1.2 Set Easy Call number

- 1 Press  in idle mode, scroll  to **Advanced Set** and press  **Select**.
- 2 **Easy Call** is highlighted in the display. Press  **Select** to enter the Easy Call menu.
- 3 **Mode** is highlighted in the display. Scroll  to **Number** and press  **Select**.
- 4 Input the Easy Call number.
- 5 Press  **OK** to confirm.
 - A validation tone is emitted and the screen returns to the **Easy Call** menu.

10.2 Auto Conference

If activated, this feature allows another handset to join a conversation with an external call by simply pressing . The default setting is **On**.

- 1** Press in idle mode, scroll to **Advanced Set** and press .
- 2** Scroll to **Conference** and press .
- 3** Scroll to select **On** or **Off** and press to confirm.
 - A validation tone is emitted and the screen returns to the **Advanced Set** menu.

- If you enter an incorrect PIN number, an error tone will sound and "Wrong PIN!" will be displayed. Then, the display will return to idle screen.
- 4** **Mode** is highlighted in the display. Press **Select**.
 - 5** Scroll to select **On** or **Off** and press **Select** to confirm.
 - If a Call Barring number has not been set, you will be prompted to input a Call Barring number.

Note

To switch Call Barring mode off again from idle mode, press **Cancel** and enter the PIN number. **Mode** is highlighted in the display. Press **Select** to select **Mode**, then scroll to **Off** and press **Select**.

10.3 Call Barring

If activated, this function prevents dialing out to numbers beginning with designated barring numbers. This is useful for preventing outgoing long distance calls or calls to specific prefixes. You can store up to four numbers, each with up to 4 digits.

Note

If you switch call barring on, **Call Barr On** is displayed on the screen in idle mode. By default call barring is off.

10.3.2 Set a Call Barring number

10.3.1 Set Call Barring Mode

By default, Call Barring is **OFF**.








- 1** Press in idle mode, scroll to **Advanced Set** and press .
- 2** Scroll to **Call Barring** and press .
- 3** Enter the PIN number.

- 1** Press in idle mode, scroll to **Advanced Set** and press .
- 2** Scroll to **Call Barring** and press .
- 3** Enter the PIN number.
- 4** **Mode** is highlighted in the display. Scroll to **Number** and press .
- 5** Scroll to select a call barring number location, and press **Select** to confirm.
- 6** Input the call barring number (up to 4 digits) and press **OK**.
 - A validation tone is emitted and the screen returns to the **Call Barring** menu.



10.4 XHD Sound


XHD (extra high definition) Sound can increase voice quality when **On**. The default setting is **On**.

To turn it off:

- 1 Press  in idle mode, scroll  to **Advanced Set** and press  **Select**.
- 2 Scroll  to **XHD Sound** and press  **Select**.
- 3 Scroll  to select **On** or **Off** and press  **Select** to confirm.
 - A validation tone is emitted and the screen returns to the **Advanced Set** menu.

- The PIN entered will be shown as asterisks (*) on the screen.
- If you enter an incorrect PIN number, an error tone will sound and "Wrong PIN!" will be displayed. Then, you will be prompted to enter the current PIN again.

- 4 **New PIN:** will be displayed. Enter the new PIN and press  **OK**.
- 5 **Confirm PIN:** will be displayed. Enter the new PIN again and press  **OK** to confirm PIN change.
 - A validation tone is emitted, **Saved!** is displayed and the screen returns to the **Advanced Set** menu.







 **Tip**
If you forget your PIN, you will need to reset your phone to its default settings. For more details, see section 10.8 - "Reset Unit."

10.5 Change PIN

The PIN is used for setting call barring numbers and registration/unregistration of handsets. The default PIN number is 0000. This PIN is also used to protect the settings of your handset. Your handset will prompt you whenever the PIN is required.

Note

The default PIN code is preset to 0000. If you change this PIN code, keep the PIN details in a safe place where you have easy access to them. Do not lose the PIN code.


- 1 Press  in idle mode, scroll  to **Advanced Set** and press  **Select**.
- 2 Scroll  to **Change PIN** and press  **Select**.
- 3 **Old PIN:** will be displayed. Enter the current PIN and press  **OK**.

10.6 Registration

If you wish to register an additional handset or if you have inadvertently unregistered your phone's handset and want to re-register it, follow the procedure described below. This is the procedure for registering handsets of one of the model described in this manual. Procedures may vary for other types of handsets. In this case, please refer to the manufacturer of the handset. Additional handsets must be registered to the base station before you can use them. Up to 8 handsets can be registered to one base station. The PIN is required before you can register or unregister handsets.







 **Note**

By default, the PIN is 0000.

- 1 On the base station, press and hold  for 3 seconds.

 **Note**

If no action is taken on the handset within 90 seconds, the registration procedure will be aborted. If this happens, repeat from Step 1.

- 2 On the handset, press , scroll  to **Advanced Set** and press  **Select**.
- 3 Scroll  to **Register** and press  **Select**.
- 4 Enter the PIN when prompted and press  **OK** to confirm. **Registering...** is displayed on the screen.
 - Upon successful registration, a validation tone is emitted and the handset number (1 to 8) will be assigned by the base automatically.










10.6.1 Easy registration

- 1 Insert the unregistered handset in the base station to automatically begin registration.
- 2 **Registering...** is displayed on the screen.
 - Upon successful registration, a validation tone is emitted and the handset number (1 to 8) will be assigned by the base automatically.

 **Note**

The easy registration is possible only when PIN has not been changed and is still the default PIN 0000.

10.7 Unregister

- 1 Press  in idle mode, scroll  to **Advanced Set** and press  **Select**.
- 2 Scroll  to **Unregister** and press  **Select**.
- 3 Enter the PIN when prompted and press  **OK** to confirm.
- 4 Scroll  to select the handset number to unregister and press  **Select**. Press  **OK** to confirm.
 - A validation tone is emitted to indicate successful unregistration.

 **Note**

A registered handset other than one of the model described in this manual can only be unregistered using a handset described in this manual.

10.8 Reset Unit




You can reset your phone to its default settings with this feature. (see 10.14 "Default Settings")

 **Caution**


Upon reset, all your personal settings, call log and redial list entries will be deleted and the phone will return to its default settings. However, your phonebook will remain unchanged after reset.

 **Note**




You may have to configure your phone once again.



1 Press  in idle mode, scroll  to **Advanced Set** and press  **Select**.


2 Scroll  to **Reset** and press  **Select**.

3 **Reset?** is displayed on the screen. Press  **OK** to confirm.

- A validation tone is emitted.
- The unit is reset to its default settings. (See section 10.14 below.)

1 Press  in idle mode, scroll  to **Advanced Set** and press  **Select**.

2 Scroll  to **Area Code** and press  **Select**.

3 **Area Code** will appear in the display. Input your area code and press  **OK** to confirm.

- A validation tone is emitted and the screen returns to the **Advanced Set** menu.

10.9 Set Area Code

This feature is useful when you have subscribed to Caller Line Identification service. It allows you to set an area code in your phone. Once the local area code is set, the phone automatically filters the area code for all incoming calls, by removing the area code for local calls and retaining the area code for calls from other areas.




If it is a local call, then only the phone number of the caller is displayed during an incoming call or when you call the number from the call log. If it is a long distance call, then both the area code and phone number will be displayed in a proper format to be dialed out directly from the call log, or saved into the phonebook.



Note


You can enter 3 digits for the area code. You need to subscribe to Caller Line Identification service to be able to see the caller's number or name in the call log. See 7.1.4 "Call from the call log" for details.


10.10 Set Auto Prefix

This feature allows you to define a prefix number to be added to the beginning of a number during predialling (see "Predialling" - section 7.1.1). You may also use this feature to add a detect string to match and replace the first few digits of the number during predialing. You can enter up to a maximum of 5 digits for the detect string and 10 digits for the auto prefix number.

1 Press  in idle mode, scroll  to **Advanced Set** and press  **Select**.


2 Scroll  to **Auto Prefix** and press  **Select**.


3 **Detect Digit:** is displayed on the screen. Enter a detect string number (maximum 5 digits) and press  **OK** to confirm.

4 **Prefix:** is displayed on the screen. Enter the prefix number (maximum 10 digits) and press  **OK** to confirm.


- A validation tone is emitted and the screen returns to the **Advanced Set** menu.

Note








If no detect string (blank) is entered, the prefix number will be automatically added to the predial number after  is pressed.

For numbers starting with *, # or P, the prefix number will not be added to the predial number after  is pressed.

10.11 Change Flash time

Flash time is the time delay by which the line will be disconnected after you press the  key. It can be set to short or long.

The default value is **Long**.

- 1 Press  in idle mode, scroll  to **Advanced Set**, and press  **Select**.
- 2 Scroll  to **Flash Time** and press  **Select**.
- 3 Scroll  to **Short** or **Long** and press  **Select** to confirm.
 - A validation tone is emitted and the screen returns to the **Advanced Set** menu.








Note

The use of your phone cannot be guaranteed on all PABX.

10.12 Change the Dial Mode








The default value for dial mode that is preset in your handset should be the best suited for your subscribed network and

therefore you should not need to change it.

- 1 Press  in idle mode, scroll  to **Advanced Set**, and press  **Select**.
- 2 Scroll  to **Dial Mode** and press  **Select**.
- 3 Scroll  to **Tone** or **Pulse** and press  **Select** to confirm.
 - A validation tone is emitted and the screen returns to the **Advanced Set** menu.

10.13 Set First Ring Detection

First ring detection allows the phone to ring upon reception of the first ring signal. It is recommended that you set first ring detection **Off** if you subscribe to caller line identification service. (When using personalized phonebook melodies, this will prevent a normal ring tone from sounding before a melody starts playing.) If you do not subscribe to caller line identification service, it is recommended that you set first ring detection **On**. (See Section 8.6.4.)

- 1 Press  in idle mode, scroll  to **Advanced Set**, and press  **Select**.
- 2 Scroll  to **First Ring** and press  **Select**.
- 3 Scroll  to **On** or **Off** and press  **Select** to confirm.
 - A validation tone is emitted and the screen returns to the **Advanced Set** menu.

Note

The default setting for first ring detection is **On**. The setting automatically switches to **Off** when you receive a call containing caller line identification. However, this occurs only if you do not first manually change the setting. (It does not change automatically if you manually change the first ring setting even once.)

10.14 Default Settings

Parameter	Default Value
Ring Volume	Level 3
Ring Tone	Ring 1
Earpiece Volume	Level 3
Speaker Volume	Level 3
Key Beep	On
Display Language	English
Wallpaper Color	Wallpaper 1 Color 1
Display Contrast	Level 3
Backlight Time	20 Seconds
Auto Hang-Up	On
Handset Name	Philips
Time/Date Format	MM/DD 12Hours
Time/Date	00:00 01/01/2008
Set Alarm	Off
Alarm Tone	Bell 2

Parameter	Default Value
Dial Mode	Tone
Flash Time	Long
PIN Code	0000
Call Barring	Off
Call Barring Number	Cleared
XHD Sound	On
Easy Call	Off
Easy Call Number	Cleared
Auto Prefix	Cleared
Set First Ring	On
Phonebook Memory	After a reset, phonebook is maintained as it was just before the reset
Redial Memory	Cleared
CLI Memory	Cleared
Network Service	Empty (no preset numbers)
Auto Conference	On

11 Network Service

The network service functions provide a convenient way for you to access some network provider services. Subscriptions are required in order to benefit from these services. Contact your network provider for details. Depending on your subscribed network, some of the services and menus described in this











chapter may not be available in your phone.

Note

The **Call Forward, Call Forward when Busy**, and **Call Forward when Unanswered** functions require activation codes (prefix and suffix) and a deactivation code. You must get these codes from your service provider.













11.1 Call Forward

You can use **Call Forward** to forward incoming calls to another number. This can be useful if you want calls to go to another number overnight or when traveling. You can activate or deactivate Call Forward as follows:



- 1** Press  in idle mode, scroll  to **Netw. Services**, and press  **Select**.
- 2** Scroll  to **Call Forward** and press  **Select**.
- 3** To activate **Call Forward**, scroll  to **Activate** and press  **Select**. To deactivate **Call Forward**, scroll to **Deactivate** and press  **Select**.
- 4** If you selected **Activate**, you will be prompted to enter the number for call forward. Enter the number (maximum 24 digits) and press  **OK**.
- 5** The Call forward codes and the number are dialed. Press  and return to idle mode.

11.1.1 Change Call Forward Activation Codes

There are two parts to the Call Forward activation code - a prefix and a suffix.

- 1** Press  in idle mode, scroll  to **Netw. Services**, and press  **Select**.
- 2** Scroll  to **Call Forward** and press  **Select**.
- 3** Scroll  to **Change Code** and press  **Select**.
- 4** Scroll  to **Activation** and press  **Select**.
- 5** You are now at the **Activation** screen. Scroll  to **Prefix** or **Suffix**, then press  **Select**.
- 6** You will be prompted to enter the prefix/suffix code. Enter the number (maximum 14 digits) and press  **OK**.
 - A confirmation tone will sound and the display will return to the **Activation** screen.




Note








Press  **Clear** to delete entered numbers. Long press  **Clear** to clear the entire entry.

- 7** Repeat from step 5 until you are finished inputting both the prefix and suffix codes.



11.1.2 Change Call Forward Deactivation Code

You must get the deactivation code from your service provider.

- 1** Press  in idle mode, scroll  to **Netw. Services**, and press  **Select**.










- 2 Scroll  to **Call Forward** and press  **Select**.
- 3 Scroll  to **Change Code** and press  **Select**.
- 4 Scroll  to **Deactivation** and press  **Select**.
- 5 Enter the deactivation code (maximum 14 digits) and press  **OK**.
 - A confirmation tone will sound and the display will return to the **Call Forward** screen.


Note

Press  **Clear** to delete entered numbers. Long press  **Clear** to clear the entire entry.

11.2 Call Forward when Busy













This function will forward incoming calls to another number if the line is busy. You can activate or deactivate Call Forward when Busy as follows:

- 1 Press  in idle mode, scroll  to **Netw. Services**, and press  **Select**.
- 2 Scroll  to **Call Fwd Busy** and press  **Select**.
- 3 To activate **Call Fwd Busy**, scroll  to **Activate** and press  **Select**. To deactivate **Call Fwd Busy**, scroll to **Deactivate** and press  **Select**.
- 4 If you selected **Activate**, you will be prompted to enter the number for call forward when busy. Enter the number (maximum 24 digits) and press  **OK**.



- 5 The Call forward when busy codes and the number are dialed. Press  and return to idle mode.

11.2.1 Change Call Forward when Busy Activation Codes

There are two parts to the Call Forward when Busy activation code - a prefix and a suffix.

- 1 Press  in idle mode, scroll  to **Netw. Services**, and press  **Select**.
- 2 Scroll  to **Call Fwd Busy** and press  **Select**.
- 3 Scroll  to **Change Code** and press  **Select**.
- 4 Scroll  to **Activation** and press  **Select**.
- 5 You are now at the **Activation** screen. Scroll  to **Prefix** or **Suffix**, then press  **Select**.
- 6 You will be prompted to enter the prefix/suffix code. Enter the number (maximum 14 digits) and press  **OK**.
 - A confirmation tone will sound and the display will return to the **Activation** screen.

Note

Press  **Clear** to delete entered numbers. Long press  **Clear** to clear the entire entry.

- 7 Repeat from step 5 until you are finished inputting both the prefix and suffix codes.

11.2.2 Change Call Forward when Busy Deactivation Code

- 1 Press in idle mode, scroll to **Netw. Services**, and press **Select**.
- 2 Scroll to **Call Fwd Busy** and press **Select**.
- 3 Scroll to **Change Code** and press **Select**.
- 4 Scroll to **Deactivation** and press **Select**.
- 5 Enter the deactivation code (maximum 14 digits) and press **OK**.

- A confirmation tone will sound and the display will return to the **Call Fwd Busy** screen.

Note

Press **Clear** to delete entered numbers. Long press **Clear** to clear the entire entry.

11.3 Call Forward when Unanswered

This function will forward unanswered calls to another number. You can activate or deactivate Call Forward when Unanswered as follows:

- 1 Press in idle mode, scroll to **Netw. Services**, and press **Select**.
- 2 Scroll to **Call Fwd Unans** and press **Select**.
- 3 To activate **Call Fwd Unans**, scroll to **Activate** and press **Select**. To deactivate **Call Fwd Unans**, scroll to **Deactivate** and press **Select**.

- 4 If you selected **Activate**, you will be prompted to enter the number for call forward when unanswered. Enter the number (maximum 24 digits) and press **OK**.
- 5 The Call forward when unanswered codes and the number are dialed. Press and return to idle mode.

11.3.1 Change Call Forward when Unanswered Activation Codes

There are two parts to the Call Forward when Unanswered activation code - a prefix and a suffix.

- 1 Press in idle mode, scroll to **Netw. Services**, and press **Select**.
- 2 Scroll to **Call Fwd Unans** and press **Select**.
- 3 Scroll to **Change Code** and press **Select**.
- 4 Scroll to **Activation** and press **Select**.
- 5 You are now at the **Activation** screen. Scroll to **Prefix** or **Suffix**, then press **Select**.
- 6 You will be prompted to enter the prefix/suffix code. Enter the number (maximum 14 digits) and press **OK**.

- A confirmation tone will sound and the display will return to the **Activation** screen.

Note

Press **Clear** to delete entered numbers. Long press **Clear** to clear the entire entry.

- 7 Repeat from step 5 until you are finished inputting both the prefix and suffix codes.

11.3.2 Change Call Forward when Unanswered Deactivation Code

- 1 Press in idle mode, scroll to **Netw. Services**, and press **Select**.
- 2 Scroll to **Call Fwd Unans** and press **Select**.
- 3 Scroll to **Change Code** and press **Select**.
- 4 Scroll to **Deactivation** and press **Select**.
- 5 Enter the deactivation code (maximum 14 digits) and press **OK**.
 - A confirmation tone will sound and the display will return to the **Call Fwd Unans** screen.

Note

Press **Clear** to delete entered numbers. Long press **Clear** to clear the entire entry.

11.4 Voice Mail

Use this function to access your voice mail account.

11.4.1 Access Voice Mail

- 1 Press in idle mode, scroll to **Netw. Services**, and press **Select**.

- 2 Scroll to **Voicemail** and press **Select**.
- 3 You are now at the **Voicemail** menu and **Call** is highlighted. Press **Select** to connect to the voice mail account number.

Note

You can also access your voice mail number by long-pressing .

11.4.2 Set Voice Mail Number

- 1 Press in idle mode, scroll to **Netw. Services**, and press **Select**.
- 2 Scroll to **Voicemail** and press **Select**.
- 3 Scroll to **Settings** and press **Select**.
- 4 Enter the voice mail account number (maximum 14 digits) and press **OK**.
 - A confirmation tone will sound and the display will return to the **Voicemail** screen.

11.5 Voice Mail 2

Use this function to access an alternate voice mail account. Access and setting procedure is same as for Voice Mail.







Note

You can also access your voice mail number by long-pressing .









11.6 Information Service

Use this function to access your information service account.

11.6.1 Access Info Service

- 1 Press  in idle mode, scroll  to **Netw. Services**, and press  **Select**.
- 2 Scroll  to **Info** and press  **Select**.
- 3 You are now at the **Info** menu and **Call** is highlighted. Press  **Select** to connect to the information service account number.

11.6.2 Set Info Service Number

- 1 Press  in idle mode, scroll  to **Netw. Services**, and press  **Select**.
- 2 Scroll  to **Info** and press  **Select**.
- 3 Scroll  to **Settings** and press  **Select**.
- 4 Enter the information service account number (maximum 14 digits) and press  **OK**.
 - A confirmation tone will sound and the display will return to the **Info** screen.







11.7 Information Service 2

Use this function to access a second information service account. Access and setting procedure is same as for Info Service.









11.8 Call Return

This function allows you to get information on who called you last.

11.8.1 Access the Call Return Service

- 1 Press  in idle mode, scroll  to **Netw. Services**, and press  **Select**.
- 2 Scroll  to **Call Return** and press  **Select**.
- 3 You are now at the **Call Return** menu and **Call** is highlighted. Press  **Select** to connect to the call return account number.

11.8.2 Set Call Return Service Number







- 1 Press  in idle mode, scroll  to **Netw. Services**, and press  **Select**.
- 2 Scroll  to **Call Return** and press  **Select**.
- 3 Scroll  to **Settings** and press  **Select**.
- 4 Enter the call return service number (maximum 14 digits) and press  **OK**.
 - A confirmation tone will sound and the display will return to the **Call Return** screen.

11.9 Cancel Call Back

When calling a busy line, some operators prompt you to press a key to activate a call back option. By activating the call back option, you will receive a call from the network as soon as your correspondent's line is free. When responding to this call, the network will automatically connect you to that correspondent. Your call log









will not record this call either. The Cancel call back feature enables you to deactivate the call back feature when you have activated it.

11.9.1 Call the Cancel Call Back Number

- 1** Press  in idle mode, scroll  to **Netw. Services**, and press .
- 2** Scroll  to **Cancel Call BK** and press .
- 3** You are now at the **Cancel Call BK** menu and **Call** is highlighted. Press  to connect to the Cancel Call Back number.

11.9.2 Set the Cancel Call Back Number







Get the cancel call back number from your service provider.

- 1** Press  in idle mode, scroll  to **Netw. Services**, and press .
- 2** Scroll  to **Cancel Call BK** and press .
- 3** Scroll  to **Settings** and press .
- 4** Enter the cancel call back number (maximum 14 digits) and press  **OK**.
 - A confirmation tone will sound and the display will return to the **Cancel Call BK** screen.

11.10 Withhold ID









Use this function to make a call without sending your ID.

11.10.1 Activating Withhold ID

- 1** Press  in idle mode, scroll  to **Netw. Services**, and press .
- 2** Scroll  to **Withhold ID** and press .
- 3** You are now at the **Withhold ID** menu and **Activate** is highlighted. Press  to activate the withhold ID function.

11.10.2 Set the Withhold ID Code

When withhold ID is active (see above), this code is appended before the number you dial to tell the handset to withhold ID information. Get this code from your service provider.

- 1** Press  in idle mode, scroll  to **Netw. Services**, and press .
- 2** Scroll  to **Withhold ID** and press .
- 3** Scroll  to **Settings** and press .
- 4** Enter the withhold ID code and press  **OK**.
 - A confirmation tone will sound and the display will return to the **Withhold ID** screen.

12 Technical data

Display

- Color LCD with backlight
- Selectable wallpaper
- Selectable color theme

General telephone features

- Caller name & number identification
- 5 standard + 10 polyphonic ringer melodies
- Wideband synthesis for receiver and loudspeaker

Phonebook list, Redial list and Call log

- Phonebook list with 100 entries
- Redial list with 10 entries
- Call log with 50 entries

Battery

- 2 × AAA, 600mAh batteries

Radio specifications

- Frequency Band: 1920 - 1930Mhz
- Maximum output power: 120mW

Weight and dimensions

Base:

- 145.5 grams
- 77mm × 115mm × 116.5mm
(H × D × W)

Handset:

- 128.5 grams
- 160mm × 28mm × 46mm
(H × D × W)

Temperature range

- Operation: Between 0 and 35°C (32 to 95°F).
- Storage: Between -20 and 70°C (-4 to 158°F).

Relative humidity

- Operation: Up to 95% at 40°C
- Storage: Up to 95% at 40°C


13 Frequently asked questions

www.philips.com/support

In this chapter, you will find the most frequently asked questions and answers about your phone.

13.1 Connection

The handset does not switch on!

- Charge the batteries: Put the handset on the base station to charge. After a few moments, the phone will switch on.
- You may have accidentally switched off the handset. In this case, press and hold  for at least 1 second to switch it on again (see section 8.1 - "Switch the handset off/on").

The handset does not charge!

- Check charger connections.

icon is not blinking during charge!

- Battery is full: There is no need to charge the battery.
- Bad battery contact: Adjust the handset slightly.
- Dirty contact: Clean the batteries contact with a cloth moistened with alcohol.

Communication is lost during a call!

- Charge the battery
- Move closer to the base station.

The phone is “Out of range”!

- Move closer to the base station.


13.2 Set-up

Searching... is displayed on handset and icon is blinking!


- Move closer to the base station.
- Make sure that your base station is on.
- Reset your unit and restart handset registration.

13.3 Sound

Handset does not ring!

Check that the **Ring Volume** is not set to no bars (Ringer Off), and make sure the  icon is not displayed on the screen (see section 9.2.1 - “Set the Ring Volume”).

Caller does not hear me!

Microphone may be muted: During a call, press .

There’s no dialling tone!

- No power: Check the connections.
- Batteries are empty: Charge the batteries.
- Move closer to the base station.
- Wrong line cable used: Use the line cable provided.
- Line adaptor is required: Connect the line adaptor to the line cord.

Caller does not hear me clearly!


- Move closer to the base station.
- Move the base station at least one metre away from any electronic appliances.

Frequent noise interference on my radio or television!

- Move the base station as far away as possible from the electrical appliances.

13.4 Product behavior

Keypad does not work!

- Unlock your keypad: Long press  in idle mode.

The handset warms up when making a long call and when it is on the base station!

- This is a normal behavior. The handset consumes energy while calling and charging.

The handset cannot be registered to the base station!

- Maximum number of handsets (8) has been reached. To register a new handset, unregister an existing handset.
- Remove and replace the handset batteries.
- Try again by disconnecting and connecting the base station power supply and follow the procedure to register a handset (see section 10.6).

Caller number is not displayed!

- Service is not activated: Check your subscription with your network operator.

I cannot change the settings of my voice mail!

- Operator voice mail is managed by your operator and not the phone itself. Please contact your operator should you want to change the settings.

My handset keeps going into idle mode!

- If there are no key presses for 30 seconds, the handset will automatically return to idle mode. It will also return to idle mode automatically when you place the handset back on the base station (if auto hang-up feature is on).

Phonebook entry cannot be stored and Memory Full is displayed!

- Delete an entry to free memory before saving your contact again.

The PIN code is wrong!

- The default PIN is 0000.
- Reset the handset to revert to the default PIN code if it has been changed before (see "Reset Unit" - Section 10.8).

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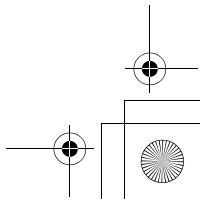
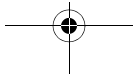
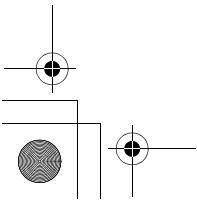
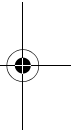
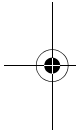
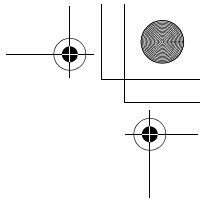
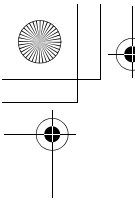
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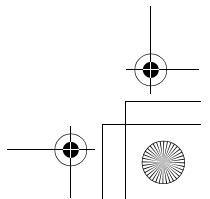
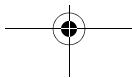
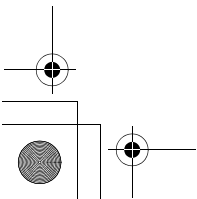
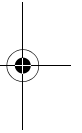
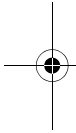
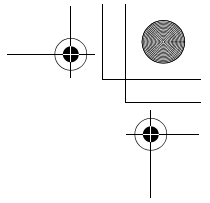
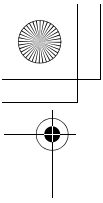
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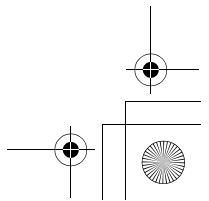
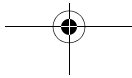
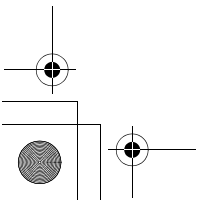
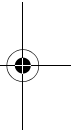
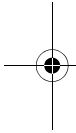
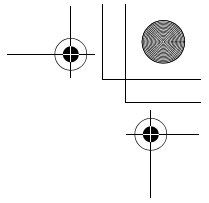
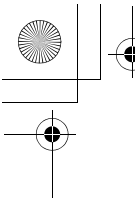
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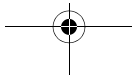
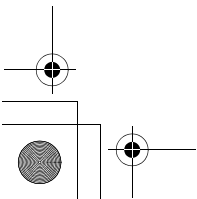
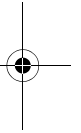
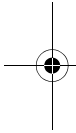
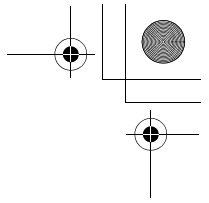
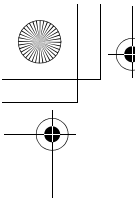
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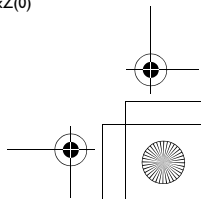








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