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SE6590



US-EN Telephone Answering Machine

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### **Warning**

Use only rechargeable batteries.

Charge the handset for 24 hours before use.

**PHILIPS**



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# 1 Safety Information

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## 1.1 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 the ACTA.

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### 1.1.1 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.

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### **1.1.2 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.

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### **1.2 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 to 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.

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### **1.3 Hearing Aid Compatibility (HAC)**

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

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### **1.4 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.

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## 2 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.

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## 2.1 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.

### **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 the unit 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 the phone or allow objects to fall on the 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 the temperature is always between 0 and 35° C (32 to 95° F).
- Store in a place where the temperature is always between -20 and 70° C (-4 to 158° F).



- Battery life may be shortened in low temperature conditions.

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## 2.2 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 electromagnetic 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 developing, producing and marketing 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 the 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 standardization for early integration into its products.

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## 2.3 Recycle your batteries

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

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## 3 The RBRC<sup>®</sup> seal



The RBRC<sup>®</sup> 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<sup>®</sup> 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’ participation in RBRC<sup>®</sup> makes it easy for you to drop off the spent battery at local retailers participating in the RBRC<sup>®</sup> program or at authorized Philips product service centers.

Please call 1-800-8-BATTERY for information on NiMH battery recycling and disposal bans/restrictions in your area. Philips’ involvement in this program

is part of its commitment to protecting our environment and conserving natural resources.

RBRC<sup>®</sup> is a registered trademark of Rechargeable Battery Recycling Corporation.

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### **3.1 Service Centers**

US service center

Philips Accessories & Computer  
Peripherals North America  
1881 Route 46 West Edgewood, NJ 07852

Phone: (800) 233-8413

E-mail support:

<http://www.support.philips.com/support>



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## 4 Your phone

Congratulations on your purchase and welcome to Philips!

This manual only explains part of the functions of your handset. For details on other functions, refer to the manual provided with the base station.

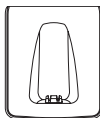
To fully benefit from the support that Philips offers, register your product at [www.philips.com/welcome](http://www.philips.com/welcome).

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### 4.1 What's in the box



**Handset with belt clip**



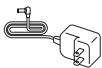
**Charger**



**Battery door**



**2 AAA rechargeable  
batteries**



**Power supply**



**User manual**



**Guarantee**

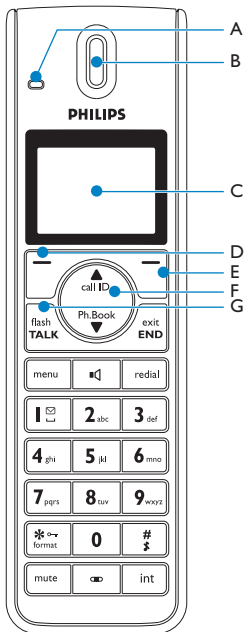


**Do not return leaflet**



**Quick Start Guide**

## 4.2 Overview of your handset



### A Event LED

The event LED on your handset blinks when there is a new message recorded on your telephone answering machine. 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 4.3 for an overview of the display icons.

### D Select key

In a menu, selects the function displayed on the screen or goes to the next lower level. Also used to confirm entries (for example, when setting date and time). When used with the dual-line SE659 base station, press to receive an incoming call on Line 1, or to select Line 1 for making an outgoing call.

### E Back/Clear key

When making an entry, press to clear (delete) a character or number, or long press to clear all.

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

When used with the dual-line SE659 base station, press to receive an incoming call on Line 2, or to select Line 2 for making an outgoing call.

### F Navigation keys

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

During a call: Scroll  $\oplus$  to increase or decrease earpiece and speaker volume.

Editing and entry: Move to the previous character  $\blacktriangle$  call ID or next character  $\blacktriangledown$  Ph.Book.

In other modes: Scroll up  $\blacktriangle$  call ID and down  $\blacktriangledown$  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 or answer an external call or answer an incoming internal call. When used with the dual-line SE659 base

station, this key works with the default line when making or answering external calls.

During a call: Activate the flash function.  
In other modes: Dial the selected number in the Phonebook, Redial list, or Call log. When used with the dual-line SE659 base station, works with the default line.

#### **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. When used with the dual-line SE659 base station, works with the default line.

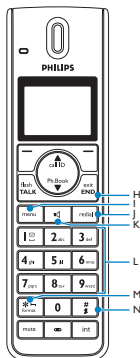
During a call: Toggle the loudspeaker on/off.



#### **L Number keys**

Use to dial numbers and write characters.

Refer to the manual provided with the base station for the functions of keys  and .

When using keys  to  with the SE650/655/658 base station, a long press dials one of your direct memory access numbers.



When using keys  to  with the dual-line SE659 base station, a long press invites you to select a line, then dials one of your direct memory access numbers via the selected line.

#### **M \*/Keypad lock & Format key**

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

Predialing or editing: Press to enter a “\*#”.

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

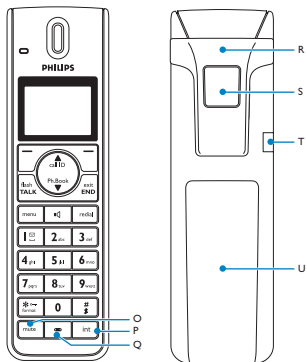
During call log display: Toggles area code and long distance display on/off.

#### **N #/Ringer on/off & Pause key**

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

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

Editing: Short press to switch upper/ lower case.



- T** Headset jack
- U** Battery door

When used with the SE650/655 base station during call log display: Toggles area code and long distance display on/off.

**O Mute key**  mute

When off hook: Deactivate/activate the microphone.

**P Call transfer key & Intercom key**  int

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**

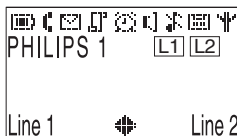
Handsfree activation can suddenly increase the volume of the earpiece to a very high level. Make sure the handset is not too close to your ear.

## 4.3 Display icons and Messages

### SE650/655/658



### SE659



#### All base station models:



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.



If you subscribe to voice mail service, blinks when there is new voice mail.



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



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.



Steady on when the answering machine is on. Blinks when messages have been received by the answering machine; blinks rapidly when the answering machine memory is full.



Indicates that the handset is registered and within range of the base station. 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.

#### SE659 base station only:

**L1** Appears when using Line 1.

**L2** Appears when using Line 2.

**Line 1** Selects Line 1.

**Line 2** Selects Line 2.

#### L1 IN USE

Steady ON when another unit is using Line 1 (appears only in talk mode).

#### L1 HOLD

Steady ON when Line 1 is on hold (appears only in talk mode).

#### L1 CALL

Steady ON when there is an incoming call on Line 1 (appears only in talk mode).

#### L2 IN USE

Steady ON when another unit is using Line 2 (appears only in talk mode).

#### L2 HOLD

Steady ON when Line 2 is on hold (appears only in talk mode).

#### L2 CALL

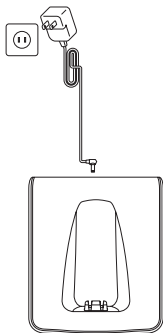
Steady ON when there is an incoming call on Line 2 (appears only in talk mode).

## 5 Getting started

Be sure to charge the handset for at least 24 hours before using it for the first time.

### 5.1 Connect the charger

- 1 Place the charger near a power outlet.
- 2 Connect the power cable to the connector on the charger.



- 3 Connect the other end of the power cable to the power outlet.



#### **Warning**

Power is applied when the power adaptor is plugged into the charger and connected to the power outlet. The only

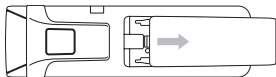
way to power down the charger is to unplug the power adaptor from the power outlet. Therefore, ensure that the power outlet is easily accessible. The power adaptor must be connected correctly, as incorrect connection could damage the unit.

## 5.2 Install the batteries

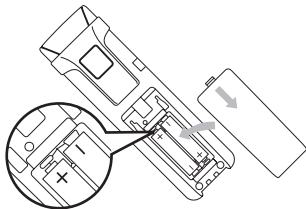
### **Warning**

Always use the AAA rechargeable batteries supplied with your handset. 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.



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





## 5.3 Charge the batteries

### **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.

- 1 Place the handset in the cradle of the charger with the display facing forward. A beep is emitted if the handset is placed correctly.
- 2 The battery icon  on the display blinks during charging.
- 3 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 hours) and discharging, allowing approximately 12 hours of talk-time and 150 hours of stand-by time.

The indoor and outdoor ranges of the handset are up to 50 meters and 300 meters, respectively. When the handset moves beyond the operation range, the antenna icon  will blink.

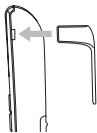
### **Tip**

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

## 5.4 Remove/Attach belt clip

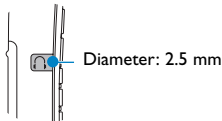
A belt clip allows you to carry your handset on your belt.

- 1 To remove the belt clip, simply pull the clip away from the handset.
- 2 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.



## 5.5 Install optional headset

Your handset 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 handset is ready for hands-free conversations.



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# 6 Registration

---

## 6.1 Registering the handset

You must register your handset to the base station before you can use it. Up to 8 handsets can be registered to one base station.

The PIN is required before you can register or unregister handsets. By default, the PIN is 0000.


---

### 6.1.1 Easy registration

- 1 Insert the unregistered handset into 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.







---

### 6.1.2 Manual registration

- 1 Power on the handset.
- 2 On the base station, press and hold  for 3 seconds. A beep sounds to indicate that the base station is ready to accept registration. (No beep sounds on the SE650.)

#### 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.

- 3 On the handset, press , scroll  to **Advanced Set** and press  **Select**.
- 4 Scroll  to **Register** and press  **Select**.
- 5 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) is assigned by the base station automatically.

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## 6.2 Checking the signal strength

When you power on the registered handset, the display will show the word “**Searching**” and the Antenna icon flashes until the handset locks onto its subscribed base. Then the display shows the standby display.

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# 7 Using the Handset



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## 7.1 Make a call






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### 7.1.1 Predialing

When using the handset with the SE650/655/658 base station:



- 1 Enter the number (maximum 24 digits) and then press  or .



When using the handset with the dual-line SE659 base station:

- 1 Enter the number (maximum 24 digits) and then press . The default line is highlighted. If you want to switch to the other line, scroll . Press  or  **Select** (or press  in speaker mode) to start the call on the highlighted line.

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



### 7.1.2 Direct dialing

- 1 Press  or  and then dial the number.

When using the handset with the dual-line SE659 base station, the call will go out on the default line. (To call from a particular line, press  **Line 1** or  **Line 2** before dialing.)


---

## 7.2 Answer a call

- 1 When using the handset with the SE650/655/658 base station, press  or  when the phone rings. When using the handset with the dual-line SE659 base station,  and **L1 CALL** (or  and **L1 CALL**) indicate the incoming call line when the phone rings. To answer, press the appropriate soft key ( **Line 1** or  **Line 2**).

---

## 7.3 End a call

To end a conversation, press .

---

## 8 Using the Intercom and Conference Calling







---

### 8.1 Using the Intercom

The intercom feature allows you to make free internal calls, transfer external calls from one handset to another and use the conference option. With the SE658/SE659, you can also make internal calls or conference between the handset and the base station.



---

#### 8.1.1 Intercom another unit

- 1 Press  in idle mode.
  - Intercom is established immediately:
    - If there is only one handset registered to the SE658/659 base station;
    - If there are only two handsets registered to the SE650/655 base station.
- 2 If there is more than one (with the SE658/659) or two (with the SE650/655) registered handset(s), scroll  to select the unit to call and press  **Select**.
  - Once the intercom call is initiated the  icon is displayed on the handset.
- 3 Press  to answer an intercom call on the called handset (or  to answer on the base station when using the SE658/659 base station).








#### Note

Pressing  on any handset (or  on the base station when using the SE658/659 base station) will exit intercom mode and return other units to idle mode. If an external call arrives during intercom mode and you want to accept this call, you must first exit intercom mode.


---

#### 8.1.2 Transfer an external call to another unit

- 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 (and the base as well, when used with the SE658/659 base station).
- 2 Select  to the unit you wish to transfer your external call to and press  **Select**.
- 3 Press  on the called unit to answer the internal call, where both internal callers can talk.
  - Intercom is established.
- 4 Press  on the first unit to transfer the external call to the called handset.
  - The external call is transferred.







#### Note

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


---

### 8.1.3 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 When using the handset with the SE650/655/658 base station, press  to pick up the external call. When using the handset with SE659 base station, press  **Line 1** /  **Line 2** to pick up the external call.

---

### 8.1.4 Switch between an internal and external call

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

---

## 8.2 Conference calling








---

### 8.2.1 Establish a three-party conference call

The conference call feature allows an external call to be shared with two handsets (when used with the SE650/655/658/659 base station), one handset and the base (when used with the SE658/659 base station) or one handset and another external call (when used with the SE659 base station). The three parties can share the conversation and no network subscription is required.

---

### 8.2.1.1 Conferencing between two internal units and an external line

- 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 available handsets (and the base station when used with the SE658/659 base station).
- 2 Scroll  to the number of the unit you wish to establish the conference call with and press  **Select**.
- 3 Press  on the called handset (or  if the base station is called when using the SE658/659 base station) to answer the internal call, where both internal callers can talk.
  - Intercom is established.
- 4 Press  **Conf.** soft key or long press  on the first unit to start the three party conference.
  - **Conference** will be displayed on the screen once the conference call is established.

#### Note

If you use this handset with the SE659 base station, you can also conference between two external calls and a handset or the base station. For details, refer to the manual provided with the SE659 base station.







---

## 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 is Philips.

- 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.

There are 5 ringer volume levels plus progressive and off. The default is level 3.

#### To adjust ring volume:

- 1 Press  in idle mode, scroll  to **Personal Set**, and press  **Select**.
- 2 Scroll  to **Handset Tones** and press  **Select**. **Ring Volume** is highlighted. Press  **Select**.
- 3 When using the handset with the SE650/655/658 base station, scroll  to your desired volume level. When using the handset with the dual-line SE659 base station, first scroll  to select **Line 1** or **Line 2** and press  **Select**. Then scroll  to your desired volume.
  - 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** When using the handset with the SE650/655/658 base station, scroll  to your desired melody. When using the handset with the SE659 base station, first scroll  to select **Line 1** or **Line 2** and press  **Select**. Then 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. 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.

---

## 10 Advanced settings










---

### 10.1 Registration

Please refer to section 6.1 on how to register the handset.

---

### 10.2 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  **Select** again to confirm.
  - A validation tone is emitted to indicate successful unregistration.

- Wideband synthesis for receiver and loudspeaker

### Phonebook list, Redial list and Call log

- Phonebook list with 200 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

Handset:

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

Charger:

- 77 grams
- 69mm × 96mm × 82mm  
(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

---

## 11 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

---

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