

CD645



www.philips.com/support

EN Digital Cordless Telephone

⚠ Warning

Use only rechargeable batteries.
Charge each handset for 24
hours before use.

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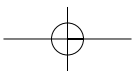
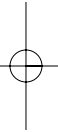
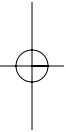
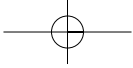


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1 Important

Take time to read this user manual before you use your CD645. It contains important information and notes regarding your phone.

1.1 Power requirements

- This product requires an electrical supply of 220-240 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

- Do not allow the charging contacts or the battery to come into contact with metal objects.
- 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.

1.2 Conformity

We, Philips declare that the product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. You can find the Declaration of Conformity on www.p4c.philips.com.

1.3 Recycling and disposal

Disposal instructions for old products:
The WEEE directive (Waste Electrical and

Electronic Equipment Directive; 2000/96/EC) has been put in place to ensure that products are recycled using best available treatment, recovery and recycling techniques to ensure human health and high environmental protection.

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

Inform yourself about the local separate collection system for electrical and electronic products marked by this symbol.



Use one of the following disposal options:

- Dispose of the complete product (including its cables, plugs and accessories) in the designated WEEE collection facilities.
- If you purchase a replacement product, hand your complete old product back to the retailer. He should accept it as required by the WEEE directive.

Disposal instructions for batteries:



Batteries should not be disposed of with general household waste.

Packaging information:

Philips has marked the packaging with standard symbols designed to promote the recycling and appropriate disposal of your eventual waste.



A financial contribution has been paid to the associated national recovery & recycling system.



The labeled packaging material is recyclable.

1.4 Using GAP standard compliance

The GAP standard guarantees that all DECT™ GAP handsets and base stations comply with a minimum operating standard irrespective of their mark. Your CD640/645 handset and base station are GAP compliant, which means the minimum guaranteed functions are: register a handset, take the line, receive a call and dial. The advanced features may not be available if you use another handset than a CD640/645 with your base station.

To register and use your CD640/645 handsets with a GAP standard base station of a different make, first follow the procedure described in the manufacturer's instructions, then follow the procedure described in Section 5.8.6.

To register a handset of another make to the CD640/645 base station, place the base station into registration mode (Section 5.8.6), then follow the procedure in the manufacturer's instructions.

1.5 Electric, Magnetic and Electromagnetic Fields ("EMF")

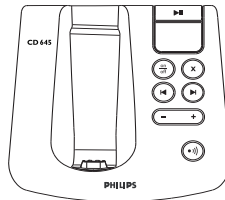
- 1** Philips Royal Electronics manufactures and sells many consumers oriented products, which usually, as with any electronic apparatus, have the ability to emit and receive electro magnetic signals.
- 2** One of Philips' leading Business Principles is to take all necessary health and safety precautions 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 standardization for early integration in its products.

2 Your phone

2.1 What's in the box



Telephone handset



Base station



Power supply unit



Line cord



2xAAA Rechargeable
batteries



Belt clip
(Country dependent)



User manual



Warranty card



Quick start guide

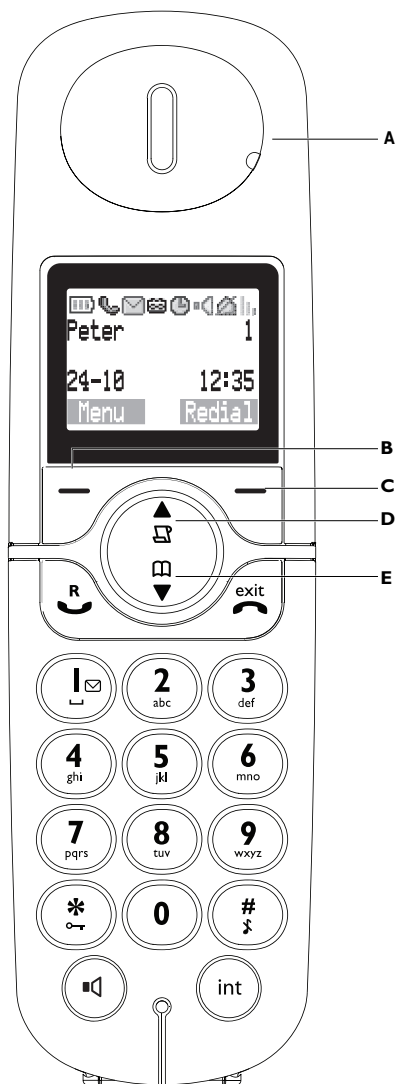
Note

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

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

2.2 Overview of the phone

2.2.1 Handset



A Event LED

OFF: No new events

RED BLINKING: Unread events (example: a missed call, a new SMS if you have subscribed the Caller Line Identification Service (CLI) together with SMS service from your network provider.)

B Left soft key

In idle mode: Press to enter the main menu

In other modes: Select the function displayed on the handset screen directly above it

C Right soft key

In idle mode: Press to access the redial list

In other modes: Select the function displayed on the handset screen directly above it

D Call log/Up key

In idle mode: Press to access call log

In menu mode: Press to scroll up the menu list

In phonebook/call log/Redial reviewing mode:

Press to scroll up to other entries

During call connection: Press to increase earpiece volume

In editing mode: Press to go to the previous character or digit

E Phonebook/Down key

In idle mode: Press to access phonebook

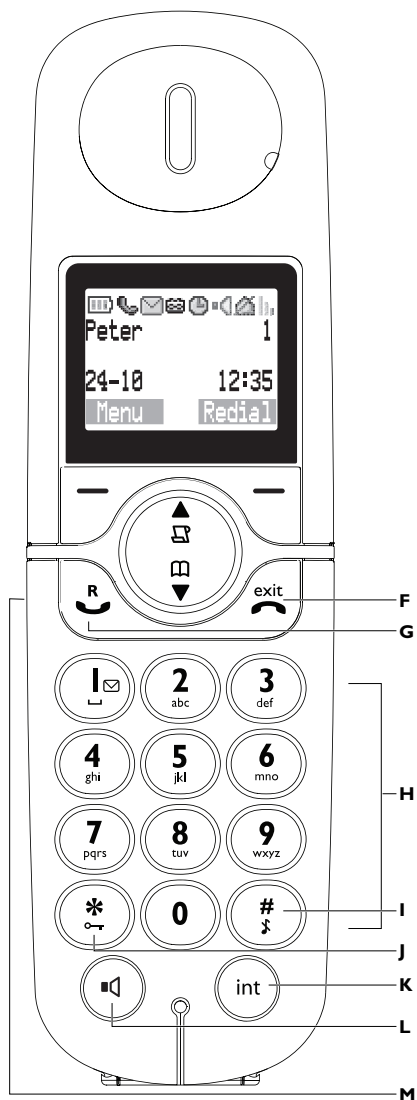
In menu mode: Press to scroll down the menu list

In phonebook/call log/redial reviewing mode:

Press to scroll down to other entries

During call connection: Press to decrease earpiece volume

In editing mode: Press to go to the next character or digit



F Talk off/Exit key

In idle mode: Long press for about 5 seconds to power off the handset. If the handset is powered off, short press to power on the handset.

In menu mode: Long press to return to idle mode, short press to return to previous menu.

During call connection: Press to hang up a call

G Talk on/R key

In idle mode: Press to answer when there is an incoming external or internal call

During call connection: Press to insert R for operator services

H Alphanumeric keypad

I Hash key

In idle/dialing mode: Short press to insert a #

In idle mode: Long press to mute the ringer

In dialing mode: Long press to enter a pause

In editing mode: Short press to switch between uppercase and lowercase

J Star key

In idle/dialing mode: Short press to insert a *

In idle mode: Long press to activate or deactivate keypad lock

K Call Transfer/Intercom/conference

In idle mode: Short press to initiate an intercom call

During external call connection: Short press to initiate an internal call or switch call

between an internal call and an external call

Long press to initiate a conference call with an external call and another internal call















L Loudspeaker key

During call connection: Press to switch the loudspeaker on or off

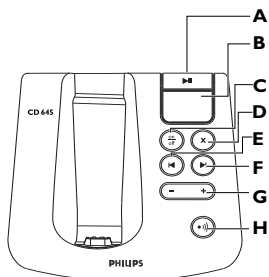
M Headset jack (Country dependent)

Allow handsfree communication through the headset by plugging the headset into the headset jack

2.2.2 Display icons on the handset

	<p>Indicate battery level</p> <p>Display  when the battery is fully discharged</p> <p>Display  when the battery is running low</p> <p>Display  when the battery is partially charged</p> <p>Display  when the battery is fully charged</p> <p>Display battery icon animation during charging</p>
	Display when the phone is in use. Blink when there is an external incoming call or when an external call is put on hold.
	Blink when there is a missed call (This feature is available if you have subscribed the Caller Line Identification service (CLI) with your network provider), or when new SMS or voice mail messages are received and not read yet.
	Display when the telephone answering machine (TAM) is turned on. Blink when new TAM messages are received.
	Display when an internal call is connected. Blink when there is an incoming internal call or when an internal call is put on hold.
	Display when the alarm clock is turned on
	Display when the loudspeaker is turned on
	Display when the keypad is locked
	Display when the ringer is turned off
	Display when the handset is registered and within the range of the base station. Blink when the handset is out of range or is searching for a base.

2.2.3 Base station



A Stop / Play key

Press to play the message (the first recorded will be played first)

Press to stop message playback

B LED Message counter

When the answering machine is off:

- - steady: Indicate that the answering machine is off

\overline{F} and - - blink alternately: When the message memory is full

$\overline{09}$ and - - blink alternately: When there are new messages (e.g. 09 is the total number of messages in the memory)

When the answering machine is on:

$\overline{00}$ Steady: Indicate that there is no message

$\overline{02}$ Blinking: Display when new messages are received (e.g. Two new messages are received or one message is new and one message is old).

$\overline{02}$ Steady: Display number of old messages (e.g. two old messages in the memory).

$\overline{03}$ On for one second: Indicate the base speaker volume level is 3 (six base speaker volume levels from 00 to 05 are provided where 00 means base speaker volume is off and 05 has the highest speaker volume)

$\overline{A0}$ Steady: Display when answer only mode is selected

$\overline{P1}$ Steady: Display when playing answer & record outgoing message

$\overline{P2}$ Steady: Display when playing answer only outgoing message

\overline{rE} Steady: Display when recording incoming message

\overline{rR} Steady: Blink when accessing line remote

C Answering machine ON/OFF key

Press to turn on or off the answering machine.

D Delete key

Delete current message during message playback.

Long press to delete all the messages when answering machine system is in standby mode.

Note

Unread message will not be deleted.

E Backward key

Press to go back to previous message

F Forward key

Skip to next message during message playback

G + / - key

Increase (+) or decrease (-) speaker volume during message playback

H Page key

Press to page the handset

Press and hold for three seconds to start registration procedure

3 Getting started

3.1 Connect the base station

⚠ Caution

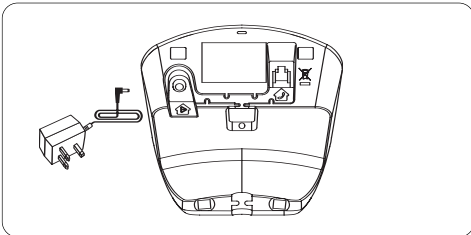
Avoid placing the base station too close to large metal objects such as filing cabinets, radiators or electrical appliances. This can impair the range and sound quality. Buildings with thick internal and external walls may impair transmission of signals to and from the base.

⚠ Warning

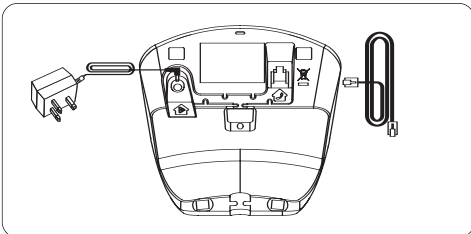
Power is applied when the power adaptor is plugged into the unit and connected to the electricity socket. The only way to power down the unit is to unplug the power adaptor from the electricity socket. Therefore, ensure that the electricity socket is easily accessible.

The power adaptor and the 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.

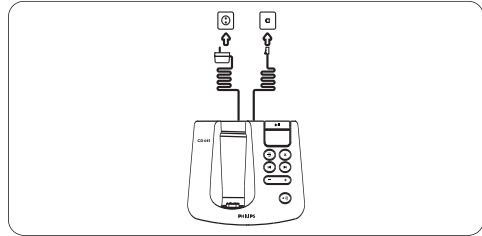
- 1 Insert the plug of the power cord into the socket under the base station.



- 2 Insert the plug of the line cord into the socket under the base station.



- 3 Connect the other end of the line cord to the telephone line socket and the other end of the power cable to the electricity socket.



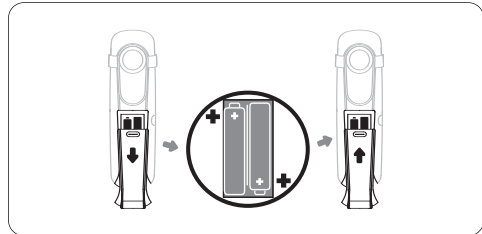
ⓘ Note

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.

3.2 Install rechargeable batteries

Your CD645 is supplied with two rechargeable batteries. Before using the handset, install the batteries into the handset and fully charged them up.

- 1 Slide out the battery cover



- 2 Place the batteries as indicated in the battery compartment and replace the battery cover.


3.3 Place the handset on the charging cradle

ⓘ Note

Charge the handset for at least 24 hours before using it for the first time.

When the battery is fully charged, the talk time of your phone is approximately 12 hours and the standby time is approximately 150 hours.


- 1 Place the handset on the charging cradle of the base station.

- 2 Leave it there until the batteries are fully charged.
- 3 When the handset is fully charged,  is displayed.


3.4 Configure your phone



Depending on your country, the **Welcome** screen may not appear. In that case, you do not need to select the country code to configure your phone.

Before using your phone, you need to configure it according to the country of use. After charging it for a few minutes, the **Welcome** screen appears. Follow these steps to configure your phone:

- 1 Press  to display the list of countries
 - Available country will display on the screen.

Note


If  is pressed, the handset will show the **Welcome** screen again.

- 2 Press  to scroll to your country
- 3 Press  to confirm your selection
 - *Your phone is configured according to your selected country and back to idle screen.*

Note



Once the country is selected, the default line settings for the selected country will be applied to your phone automatically.

Tip

If you chose the country in use wrongly or would like to change the country after the first configuration, you can press  in idle mode to enter into the SMS main menu, input **##**793** to reset to default settings. After around 30 seconds, the phone will go back to **Welcome** screen and you can select the country again.

3.5 How to power off or on the handset power


You can power off your handset in order to save battery power.

- 1 Press and hold  for about five seconds to power off the handset
- 2 Press  to power on the handset again


4 Using your phone

4.1 Make a call

4.1.1 Predialling

- 1 Enter the phone number (maximum 24 digits)
- 2 Press  to dial the number
 - *The call is initiated.*




4.1.2 Direct dialing

- 1 Press  to take the line
- 2 Enter the phone number
 - *The call is initiated.*

4.1.3 Call from the call log

This feature is available if you have subscribed the Caller Line Identification service (CLI) with your network provider.


In idle mode:

- 1 Press  to select **Call List**
- 2 Press 
- 3 Press  to scroll to your desired unanswered call

Note

The screen can either display:

- the caller's number*
 - the caller's name (if matched with the phonebook)*
 - **Unavailable** if it is an unidentified call**
 - Availability of time and date information depends on the service providers
- * Subject to a subscription of CLI with your operator
- ** Unlisted numbers, withheld caller identification.

- 4 Press  to dial the number
 - *The call is initiated.*

Note

The latest unanswered call will display first and the oldest entry will be deleted when the memory is full.

4.1.4 Call from the phonebook

In idle mode:

- 1 Press to access the phonebook
- 2 Press to select your desired phonebook entry
- 3 Press to dial the number
 - *The call is initiated.*

Tip

Instead of pressing or to browse the phonebook entries, press the numeric key corresponding to the first letter of the phonebook entry that you wish to locate when you are in the phonebook menu. For example, pressing once will show the entries starting with A. Pressing twice will show the entries starting with B.

4.1.5 Call from the redial list

In idle mode:

- 1 Press to access the redial list
 - *The display shows the last number dialed or the name if the dialed number is matched with number that stored in the phonebook.*
- 2 Press to scroll to your desired entry
- 3 Press to dial the number
 - *The call is initiated.*

Tip

The handset stores the last 20 numbers dialed. The last number dialed will appear first in the redial list. If the redial number matches a phonebook entry, the phonebook name will be displayed instead.

4.1.6 Call timer

The call timer shows the duration of your current call when you hang up your phone. It is shown in minutes and seconds format (MM:SS).

4.2 Answer a call

When the phone rings, press .

- *The call is established.*

4.3 Answer a call in handsfree mode

When the phone rings, press .

- *The call is established and is on. You can talk to the caller without holding the handset.*

Warning

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.

Note

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

Tip

If auto pick-up mode is activated, you can lift up the handset from its base station to answer the call.

4.4 End a call

Press during a call connection

- *The call ends.*

OR

Put the handset on to the base station

- *The call ends.*

4.5 Recall


To use this feature, you have to subscribe the service with your local service provider. You can use the recall function to make or received a second call. The operations mentioned in Section 4.5.1 and 4.5.2 may be varied by countries and local service providers. Consult the details of recall operation of this service from your local service provider.

4.5.1 How to make a second call

During a call:



- 1 Press and to select **Init. 2ND Call**
- 2 Press to dial your second call number
 - *The second call is initiated.*

Note



You can press  and  to select **Switch Calls** or **Conference** to switch calls between the first and second calls or to make a conference call.

4.5.2 How to answer a second call

To use this feature, you have to subscribe the service with your local service provider. If another call comes in during a call, you will hear a short beep periodically.

During displaying caller ID, press  and  to select functions to accept or reject the second call.

Note

After accepting the second call, you can press  and  to select **Switch Calls** or **Conference** to switch calls between the first and second calls or to make a conference call.

Note





If you have subscribed the Caller ID service, the caller ID of your callers will appear on the display.

4.6 How to use the intercom

This feature is only available when there are at least two registered handsets. It allows you to make internal calls, transfer external calls from one handset to another handset and make conference calls.

4.6.1 How to make an internal call

In idle mode:





- 1 Press 
 - *The handsets available for intercom will be displayed.*
- 2 Press  to select your desired handset
- 3 Press  on the calling handset
 - *Your desired handset rings.*
- 4 Press  on the called handset
 - *The intercom is established.*

Note


If the called handset is busy, a busy tone will be emitted from the calling handset.


4.6.2 How to transfer an external call to another handset

During an external call:

- 1 Press  to initiate an internal call
 - *The handsets available for intercom will be displayed and the external call is put on hold automatically.*
- 2 Press  to select your desired handset
- 3 Press  to call your desired handset
 - *Your desired handset rings.*
- 4 Press  on the called handset to start intercom

Note





You can press  to switch the call between the internal call and the external call.

- 5 Press  on the calling handset
 - *The calling handset transfers the external call to the called handset.*


4.6.3 How to make a 3-way 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.

During an external call:



- 1 Press  to initiate an internal call
 - *The handsets available for intercom will be displayed and the external call is put on hold automatically.*
- 2 Press  to select your desired handset
- 3 Press  to call your desired handset
 - *Your desired handset rings.*
- 4 Press  on the called handset to start intercom

Note

You can press  to switch the call between the internal call and the external call.

- 5 Long press  on the calling handset
 - *The calling handset, called handset and the external call would be in 3-way conference.*

During the conference call:

- 1** Press  to put the external call on hold and go back to internal call
 - *The external call is put on hold automatically.*
- 2** Press and hold  to establish the conference call again

Note

Any handset hangs up during a conference call will leave the other handset still in connection with the external call.

4.6.4 Caller Line Identification (CLI)


Caller Line Identification (CLI) is a special service that you may subscribe from your network operator. If you have subscribed to CLI service and provided that the identity of the caller is not withheld, the number or name of the caller will be displayed when the phone rings so that you may decide whether to answer the call or not. Please contact your network provider for more information on this service.






4.6.5 Call waiting

If you have subscribed to Call Waiting service, 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 .

4.7 How to find a handset



You can locate the handset by pressing  on the base station.

All the handsets registered to the base will produce the paging tone and you can stop the paging by pressing  /  /  /  on the handset or  on the base again.





5 Use more of your phone**5.1 Call in progress**

Some options are available to you during a call. You can access these options by pressing corresponding key while a call is in progress. The available options are:

5.1.1 Mute/Unmute microphone**During a call:**

- 1** Press 
 - *The microphone is turned off and **Mute On** is displayed.*
- 2** Press  again to turn on the microphone

5.1.2 How to adjust earpiece volume**During a call:**

- 1** Press  /  to display the current earpiece volume level
- 2** Press  /  to select earpiece volume from Level 1 to Level 5
 - *The earpiece volume is adjusted and the phone will go back to call connection screen.*

5.1.3 How to switch on the loudspeaker**During a call:**

- 1** Press  to activate loudspeaker mode

5.2 SMS




SMS stands for Short Message Service. To benefit from this service, you must subscribe to Caller Line Identification Service (CLI) together with SMS service from your network provider. SMS messages can be exchanged with a phone (mobile or compatible fixed lines), provided the receiver has also subscribed to CLI and SMS services.




The factory settings on your CD645 correspond to the main national operator. If you wish to send or receive SMS messages through another service provider, you must set the corresponding SMS centre numbers. Your phone




can store up to 50 SMS messages shared by the inbox and draft box. The maximum length of each message is 160 characters.

5.2.1 How to write and send new SMS

In idle mode:

- 1 Press  to access the main menu
- 2 Press  to select **SMS**
- 3 Press  to select **Write SMS**
- 4 Enter the text

Key	Operation
	Press to move cursor left by 1 position. Press and hold to jump to the 1st character/digit.
	Press to move cursor right by 1 position. Press and hold to jump to the last character/digit.
	Press to erase the previous character/digit. Press to return to the previous menu if there are no characters/digits on the input screen. Long press to delete all characters/digits.

- 5 Press  to enter the destination phone number
 - 6 Press  to select **Send** or **Save as Draft**
 - 7 Press  to confirm
- If you select *Send*, the message will be sent immediately. **"SMS sent!"** will be displayed if the message has been sent successfully.

Note

If you receive a call while writing an SMS, the operation will be interrupted. However, your SMS will be not be saved.

If the message cannot be sent successfully, the screen will display **"SMS Transf.Fail."** and the message will be saved in the **Draft**.

When composing your SMS, if no keys are pressed for 60 seconds, the handset will return to idle mode. The edited message will be automatically saved in the Draft box.

5.2.2 Inbox

Warning






When the message box is full, you will not be able to receive new messages. In this case, you need to delete some old messages in order to receive new ones.

The messages in the Inbox are listed according to the time of receipt, with the newest message appearing first.



Each time an SMS is received, you will be alerted by a beep tone if the SMS tone is On (see Section 5.7.1.7) and the screen displays **"New SMS"**. The event LED will blink until the new SMS has been reviewed.


5.2.2.1 How to view inbox message

In idle mode:


- 1 Press  to access the main menu
 - 2 Press  to select **SMS**
 - 3 Press  to select **Inbox**
 - 4 Press  and browse the list of SMS messages to select the message you wish to read
- The message list displays with the sender's phone number or corresponding name (if the number matches the phonebook record).
- 5 Press  to view the message content

Tip




While reading an SMS, press   to scroll to the next or previous row. At the end of the message, the sender's phone number and the date and time of reception are shown.

- 6 When viewing the message content, you can press  to access the following options:





Reply	Send a reply to the sender of the message.
Edit	Forward the message to another recipient.
Save number	Save the sender's number to your phonebook.
Delete	Delete the selected message.
Delete All	Delete all messages in the Inbox.

- 7 Press  to return to SMS menu








5.2.2.2 How to reply an inbox message

- 1 While viewing the message content, press  to display the Inbox menu options.
- 2 Press  to select **Reply**
- 3 Press  to start editing the text
- 4 Refer to steps 4 and 5 in **Section 5.2.1** to send the message or select **Save as draft** to save the message in the **Draft**




5.2.2.3 How to forward an inbox message

- 1 While viewing the message content, press  to display the Inbox menu options
- 2 Press  to select **Edit**
- 3 Press  to start editing the text
- 4 Press  to confirm the message
- 5 Refer to steps 4 and 5 in **Section 5.2.1** to send the message or select **Save as draft** to save the message in the **Draft**



5.2.2.4 How to save sender's phone number to phonebook

- 1 While viewing the message content, press  to display the Inbox menu options.
- 2 Press  to **Save Number**
- 3 Press  to enter a name for this new contact
- 4 Press  to modify the number (if necessary) and press 
- 5 Press  to choose a group (<No Group>, <Group A>, <Group B>, <Group C>)
- 6 Press  to save the entry
 - A beep tone is emitted and the SMS entry is saved in your phonebook.

5.2.2.5 How to delete an inbox message

- 1 While viewing the message content, press  to display the Inbox menu options.
- 2 Press  to select **Delete**
- 3 Press  to confirm
 - A beep tone is emitted and your selected SMS inbox message is deleted.

5.2.2.6 How to delete all inbox messages

- 1 While viewing the message content, press  to display the Inbox menu options.
- 2 Press  to select **Delete All**

- 3 Press  to confirm
- 4 Press  to reconfirm






- A beep tone is emitted and all your SMS inbox messages are deleted.


5.2.3 Draft box


In addition to SMS messages saved as drafts, all the SMS messages that are not successfully sent will be automatically stored in the **Draft**.

5.2.3.1 How to review draft messages


In idle mode:

- 1 Press  to access the main menu
 - 2 Press  to select **SMS**
 - 3 Press  to select **Draft**
 - 4 Press  and browse the list of SMS messages to select the message you wish to read
 - 5 Press  to view the message content
- Tip**




While reading an SMS, press  to scroll to the next or previous row. At the end of the message, the sender's phone number and the date and time of reception are shown.

- 6 When viewing the message content, you can press  to access the following options:





Send	Send the message immediately.
Edit	Forward the message to another recipient.
Delete	Delete the selected message.
Delete All	Delete all messages in the Inbox.

- 7 Press  to return to the draft message




5.2.3.2 How to send a message from draft messages

- 1 While viewing the message content, press  to display the **Draft** menu options.
- 2 Press  to select **Send**
- 3 Press  to confirm
 - If you select **Send**, the message will be sent immediately. "SMS sent!" will be displayed if the message has been sent successfully.





5.2.3.3 How to edit a draft message

- 1 While viewing the message content, press  to display the **Draft** menu options.
- 2 Press  to **Edit**
- 3 Press  to start editing the text
- 4 Press  to confirm the message
- 5 Refer to steps 4 and 5 in **Section 5.2.1** to send the message

5.2.3.4 How to delete a draft box message

- 1 While viewing the message content, press  to display the **Draft** menu options.
- 2 Press  to **Delete**
- 3 Press  to confirm
 - A beep tone is emitted and your selected SMS draft box message is deleted.

5.2.3.5 How to delete all draft box messages

- 1 While viewing the message content, press  to display the **Draft** menu options.
- 2 Press  to select **Delete All**
- 3 Press  to confirm
- 4 Press  to reconfirm
 - A beep tone is emitted and all your SMS draft box messages are deleted.

5.2.4 SMS settings








This menu allows you to set up the server for sending and receiving SMS messages. Your phone can receive messages from 3 service centers. You can set the sending number and receiving number for each SMS service center. The maximum length of an incoming/outgoing number is 24 digits. The incoming and outgoing numbers of your phone are already set to work on your country network. We advise you not to modify these settings. For more details or in case of any problems, please contact your local network provider.

5.2.4.1 How to activate/deactivate SMS reception

Your phone can receive SMS messages from another phone if you have subscribed to the

CLI and SMS services from your network provider. By default, SMS reception is set to On so that you can receive SMS message.

In idle mode:

- 1 Press  to access the main menu
- 2 Press  to select **SMS**
- 3 Press  to select **SMS Settings**
- 4 Press  to select **SMS Reception**
- 5 Press  and  to select **On** or **Off**
- 6 Press  to save the settings








Note

Even if SMS reception is Off, you can still send SMS messages.

5.2.4.2 How to change SMS box number















This feature is country dependent and may not appear in some countries.

In idle mode:

- 1 Press  to access the main menu
- 2 Press  to select **SMS**
- 3 Press  to select **SMS Settings**
- 4 Press  and  to select **Change Box No.**
- 5 Press  to enter the new box number (maximum 24 digits)
- 6 Press  to save the settings

5.2.4.3 How to set SMS centre

In idle mode:

- 1 Press  to access the main menu
- 2 Press  to select **SMS**
- 3 Press  to select **SMS Settings**
- 4 Press  and  to select **SMS Centre**
- 5 Press  and  to choose a SMS centre (<SMS Centre 1>, <SMS Centre 2> or <SMS Centre 3>)
- 6 Press  to select **Send No.**
- 7 Press  to enter the sending number and press 
- 8 Press  and  to select **Receive No.**
- 9 Press  to enter the receiving number and press 
 - A beep tone is emitted and the screen returns to previous menu.

5.2.4.4 How to set default SMS centre

In idle mode:

- 1 Press to access the main menu
- 2 Press to select **SMS**
- 3 Press / to select **SMS Settings**
- 4 Press and / to select **Default Centre**
- 5 Press and / to choose a SMS centre (<SMS Centre 1>, <SMS Centre 2> or <SMS Centre 3>)
- 6 Press to save the settings
 - A beep tone is emitted and the screen returns to previous menu.

5.3 Phonebook

Your phone can store up to 200 phonebook memories. A maximum of nine of the stored phone numbers can be stored into the direct access memories for you to access the frequently used numbers directly. Each phone number can have a maximum of 24 digits. If you have more than one handset, each handset has its own phonebook.

5.3.1 How to store a number in the phonebook

In idle mode:

- 1 Press to access the main menu
- 2 Press / to select **Phonebook**
- 3 Press to select **New Entry**
- 4 Press to enter the name (maximum 12 characters)
- 5 Press to enter the number (maximum 24 digits)
- 6 Press to choose a group (<No Group>, <Group A>, <Group B>, <Group C>)
- 7 Press to save the entry
 - A beep tone is emitted and your phonebook entry is saved.

Note

If you have subscribed the caller identification service from your service provider, you can assign a specific ringtone for each group. When a call from that group calls you, you will hear the designated ringtone of that group. You can also assign individual contacts to specific groups of your choice.

5.3.2 How to access the phonebook

In idle mode:

- 1 Press to access the main menu
- 2 Press / to select **Phonebook**
- 3 Press and / to select **List Entry**
- 4 Press and / to scroll to your desired phonebook entry
- 5 Press to view the details of your desired phonebook entry

Tip

In idle mode, you can press to access your phonebook, press / to select your desired phonebook entry and press view the details of your selected phonebook entry.

5.3.3 How to edit a phonebook entry

In idle mode:

- 1 Press to access the main menu
- 2 Press / to select **Phonebook**
- 3 Press and / to select **Edit Entry**
- 4 Press and / to choose the entry that you want to edit
- 5 Press
- 6 Press to erase the letters one by one, edit the name and press
- 7 Press to erase the digits one by one, edit the number and press
- 8 Press to choose a group (<No Group>, <Group A>, <Group B>, <Group C>)
- 9 Press to save the entry
 - A beep tone is emitted and your selected phonebook entry is updated.

5.3.4 How to delete a phonebook entry

In idle mode:

- 1 Press to access the main menu
- 2 Press / to select **Phonebook**
- 3 Press and / to scroll to **Delete Entry**
- 4 Press and / to choose the entry that you want to delete
- 5 Press to confirm
 - A beep tone is emitted and your selected phonebook entry is deleted.

5.3.5 How to delete all phonebook entries

- 1 Press to access the main menu
 - 2 Press / to select **Phonebook**
 - 3 Press and / to scroll to **Delete All**
 - 4 Press to confirm
 - 5 Press to reconfirm
- A beep tone is emitted and all your phonebook entries are deleted.

5.3.6 How to store direct access memory

You can store up to 9 direct access memories (Key 1 to 9). A long press on the keys in idle mode will automatically dial the stored phone number.

Depending on your country, Key 1 and Key 2 may be preset to the voice mail number and information service number of your network operator respectively. In this case, Key 1 and Key 2 will not display. If voice mail number and information service number of your network operator are unavailable, Key 1 and Key 2 will display on top of Key 3 as the direct access memory options, see Sections 5.9.2 and 5.9.3 for details.

In idle mode:

- 1 Press to access the main menu
 - 2 Press / to select **Phonebook**
 - 3 Press and / to scroll to **Direct Memory**
 - 4 Press and / to scroll to a direct access memory location from **Key 1** to **Key 9**
 - 5 Press twice to select **Add**
 - 6 Press and / to select the phonebook entry that you wish to store into the selected direct access memory
 - 7 Press to confirm
- A beep tone is emitted and your phonebook entry is saved into the selected direct access memory key.

Tip

Long press the direct memory key will dial out the phone number directly.

5.3.7 How to transfer the phonebook

This feature allows you to transfer the phonebook from one handset to another handset when there are at least two handsets registered to your base station.

In idle mode:

- 1 Press to access the main menu
 - 2 Press / to select **Phonebook**
 - 3 Press and / to select **Phbk Transfer**
 - 4 Press
- The handsets available for phonebook transfer are displayed.

Note

If there are more than two handsets, you can press / to select a specific handset.

- 5 Press
 - 6 The called handset will emit a beep tone and prompt with a message **"Transfer From:"**
 - 7 To accept the phonebook transfer, press on the called handset or press to reject the phonebook transfer
- All your phonebook entries are transferred to the called handset and **"Finish"** is displayed on the two handsets screen after the transferring is done.

5.4 Call log

This feature is available if you have subscribed the Caller Line Identification service (CLI) with your network provider.

Your phone can store up to 50 unanswered calls. and the LED on the handset will blink to remind you of any unanswered calls received. If the identity of the caller is not withheld, the name (or number) of the caller will be displayed. The unanswered calls are displayed in chronological order with the most recent unanswered call at the top of the list.

5.4.1 How to access the call log

- 1 Press to access the call log
 - 2 Press to enter **Call List**
- The latest unanswered call is displayed.
- 3 Press / to view the entries

5.4.2 How to save call log entry to phonebook

In idle mode:

- 1 Press to access the call log
- 2 Press to enter **Call List**
- 3 Press / to select an entry
- 4 Press to select **Copy to Phbk**
- 5 Press to enter the name
- 6 Press to display the selected unanswered call number and edit the number if necessary
- 7 Press to choose a group (<No Group>, <Group A>, <Group B>, <Group C>)
- 8 Press to confirm
 - A beep tone is emitted and the selected call log entry is saved into your phonebook.

5.4.3 How to delete the call log entry

In idle mode:

- 1 Press to access the call log
- 2 Press to enter **Call List**
- 3 Press / to select an entry
- 4 Press and / to select **Delete**
- 5 Press to confirm
 - A beep tone is emitted and the selected call log entry is deleted.

5.4.4 How to delete the entire call log

In idle mode:

- 1 Press to access the calls log
- 2 Press to enter **Call List**
- 3 Press / to select an entry
- 4 Press to select **Delete All**
- 5 Press to confirm
- 6 Press to re-confirm
 - A beep tone is emitted. All the entries in the call log are deleted.

5.5 Redial list

Your phone can store the last 20 numbers your have dialed. Only the first 24 digits of each number are stored.

5.5.1 How to access the redial list

In idle mode:

- 1 Press
 - The latest last number dialed is displayed at the top of the list.
- 2 Press / to view other dialed numbers

5.5.2 How to save a redial list entry to phonebook

In idle mode:

- 1 Press to access the redial list
- 2 Press / to select an entry
- 3 Press to select **Copy to Phbk**
- 4 Press to enter the name
- 5 Press to display the selected redial number and edit the number if necessary
- 6 Press to choose a group (<No Group>, <Group A>, <Group B>, <Group C>)
- 7 Press to confirm
 - A beep tone is emitted. The selected redial entry was copied to your phonebook.

5.5.3 How to delete a number from the redial list

- 1 Press to access the redial list
- 2 Press / to select an entry
- 3 Press and / to select **Delete**
- 4 Press to confirm
 - A beep tone is emitted and the selected entry is deleted.

5.5.4 How to delete the entire redial list

- 1 Press to access the redial list
- 2 Press and / to select **Delete All**
- 3 Press to confirm
- 4 Press to reconfirm
 - A beep tone is emitted and the entire redial list is deleted.

5.6 Clock & alarm

5.6.1 How to set the time

- 1 Press to access the main menu
- 2 Press to select **Clock & Alarm**
- 3 Press to select **Set Date/Time**
- 4 Press to enter the current time (hh:mm) in 24 hour format and the current date (dd/mm/yy)

Note

To change the date and time format ,see Section 5.6.4.

- 5 Press to save the settings

5.6.2 How to set an alarm

- 1 Press to access the main menu
- 2 Press to select **Clock & Alarm**
- 3 Press and to select **Alarm**
- 4 Press and to select **Off, On Once, or On Daily**

Note

If you have selected **On Once**, or **On Daily**, enter the time for the alarm

- 5 Press to save the settings

Note

When the alarm is selected as **On Once** or **On Daily**, will display on the screen. When the alarm is reached, the alarm tone will sound and will blink on the screen. You can press to mute the alarm tone.

5.6.3 How to set the alarm tone

- 1 Press to access the main menu
- 2 Press to select **Clock & Alarm**
- 3 Press and to select **Alarm Tone**
- 4 Press and to choose your desired alarm tone from **Melody 1** to **Melody 10**

Note

The phone will play the corresponding melody when browsing the melody list.

- 5 Press to save the settings

5.6.4 How to set the date and time format

- 1 Press to access the main menu
- 2 Press to select **Clock & Alarm**
- 3 Press and to select **Time/Date**
- 4 Press and to choose the time format display (**12hr** or **24hr**)
- 5 Press to confirm the time format display settings
- 6 Press to choose the date format display (**dd/mm** or **mm/dd**)
- 7 Press to confirm the date format display settings

5.7 Personal settings

5.7.1 Handset tone

5.7.1.1 How to set the ring volume

Your phone provides five ringer volume levels (one bar to five bars) and progressive ring volume for you to choose.

Warning

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.

- 1 Press to access the main menu
- 2 Press to select **Personal Set**
- 3 Press to select **Handset Tones**
- 4 Press to select **Ring Volume**
- 5 Press and to select your desired volume level
- 6 Press to save the settings

Tip

You can press and hold to turn off the ringer. will display.

5.7.1.2 How to set the ring melody

10 ring melodies are available on your handset.

- 1 Press to access the main menu
- 2 Press to select **Personal Set**
- 3 Press to select **Handset Tones**

- 4 Press and to select **Ring Melody**
- 5 Press and to scroll to your desired ring melody
- 6 Press to save the settings

5.7.1.3 How to set the group melody

To benefit from this feature, you must subscribe to the Caller Line Identification service.

This menu enables you to select and set the melodies to be played when there is an external incoming call from a contact whose name is stored in your phonebook and is part of a group. You can associate one ring melody to each group.

There are three phonebook groups (**Group A, B, C**) available for you to organize your contacts. Each group can be assigned a unique melody.

- 1 Press to access the main menu
- 2 Press to select **Personal Set**
- 3 Press to select **Handset Tones**
- 4 Press and to select **Group Melody**
- 5 Press and to scroll to your desired group (**Group A, Group B, Group C**)
- 6 Press and to scroll to your desired group melody

Note

The phone will play the corresponding melody when browsing the melody list.

- 7 Press to save the settings

5.7.1.4 How to turn on/off the key tone

A single beep is emitted when a key is pressed. You can turn off or turn on the key beep. By default, the key beep is **On**.

- 1 Press to access the main menu
- 2 Press to select **Personal Set**
- 3 Press to select **Handset Tones**
- 4 Press and to select **Key Beep**
- 5 Press and to select **On** or **Off**
- 6 Press to save the settings

5.7.1.5 How to activate/deactivate the keypad lock

- 1 Press and hold
 - is displayed if keypad lock is activated.
- 2 Press and hold again to deactivate the keypad lock
 - is disappeared if keypad lock is deactivated.

Tip

You can also deactivate the keypad lock by removing and replacing the batteries of the handset.

5.7.1.6 How to turn on/off the first ring

If you have subscribed for Caller ID service with your service operator, your phone can suppress the first ring before the Caller ID. After resetting, your phone will automatically detect if Caller ID service is subscribed and start to suppress the first ring. You can change this settings to suit your preference.

- 1 Press to access the main menu
- 2 Press to select **Personal Set**
- 3 Press to select **Handset Tones**
- 4 Press and to select **First Ring**
- 5 Press and to select **On** or **Off**
- 6 Press to save the settings

5.7.1.7 How to turn on/off the SMS tone

A tone is emitted when a new SMS is received. You can turn on or off this SMS Tone.

- 1 Press to access the main menu
- 2 Press to select **Personal Set**
- 3 Press to select **Handset Tones**
- 4 Press and to select **SMS Tone**
- 5 Press and to select **On** or **Off**
- 6 Press to save the settings

5.7.2 How to set a wallpaper to be displayed in standby mode

There are three wallpapers pre-installed in your phone. You can select your desired wallpaper to be displayed in standby mode.

- 1 Press to access the main menu
- 2 Press to select **Personal Set**
- 3 Press and to select **Wallpaper**

- 4 Press and to scroll to your desired wallpaper
- 5 Press to save the settings

5.7.3 How to adjust the contrast level

There are five contrast level options (**Level 1, Level 2, Level 3, Level 4** or **Level 5**).

- 1 Press to access the main menu
- 2 Press to select **Personal Set**
- 3 Press and to select **Contrast**
- 4 Press and to scroll to your desired contrast level

Note

The contrast effect will display when browsing different contrast levels.

- 5 Press to save the settings

5.7.4 How to set the colour theme of your phone

There are four different colour theme provided in your phone. You can select your desired colour theme for displaying the menu screen.

- 1 Press to access the main menu
- 2 Scroll to select **Personal Set**
- 3 Press to select **Colour Theme**
- 4 Press and to scroll to your desired colour theme

Note

The corresponding colour theme will display when browsing the different colour theme options.

- 5 Press to save the settings

5.7.5 How to rename the handset

You can rename your handset and display the handset name in idle mode.

- 1 Press to access the main menu
- 2 Press to select **Personal Set**
- 3 Press and to select **Handset Name**
- 4 Press to enter the handset name

Note

The maximum length of the handset name is 14 characters.

- 5 Press to save the settings

5.7.6 How to set the auto pick-up

This function allows you to answer a call automatically by lifting the handset from the base station.

- 1 Press to access the main menu
- 2 Press to select **Personal Set**
- 3 Press and to select **Auto Pick-up**
- 4 Press and to select **On** or **Off**
- 5 Press to save the settings

5.7.7 How to set the auto hang-up

This function allows you to end a call automatically by placing the handset on the base station.

- 1 Press to access the main menu
- 2 Press to select **Personal Set**
- 3 Press and to select **Auto Hang-up**
- 4 Press and to select **On** or **Off**
- 5 Press to save the settings

5.7.8 How to set the menu language

Depending on your country, your handset display can support different languages. After changing the menu language, all the menus will be displayed in the chosen language. For some of the countries, your phone may not have this menu language option if only one language is available. This setting does not apply to the language of outgoing message of the answering machine.

- 1 Press to access the main menu
- 2 Press to select **Personal Set**
- 3 Press and to select **Language**
- 4 Press and to choose your desired language
- 5 Press to save the settings

Note

Available languages for selection vary with different countries

5.7.9 How to turn on/off room monitoring

This feature allows you to monitor a room by placing the handset in a room to be monitored. The monitored handset will not ring when there is an external incoming call or internal call. The monitored handset will turn on the speaker automatically if any other registered handsets want to reach the monitored handset. **Mute On** will appear in the screen of the calling handset by press when the internal call is set up. If the calling handset want to talk to the monitored handset, press to unmute the microphone.

Note

You must have at least 2 handsets registered to your base station in order to use this feature.

- 1 Press to access the main menu
- 2 Press to select **Personal Set**
- 3 Press and to select **Room Monitor**
- 4 Press and to choose **On** or **Off**
- 5 Press to save the settings.

Note

If room monitor is set to **On**, **Room Monitor On** will display on standby.

5.7.10 How to turn on/off the keypad backlight

- 1 Press to access the main menu
- 2 Press to select **Personal Set**
- 3 Press and to select **Backlight**
- 4 Press and to select **On** or **Off**
- 5 Press to save the settings

Note

If there is no key press within 20 seconds, the keypad backlight and LCD backlight will be turned off automatically. Press any key can turn on the keypad backlight. To turn on the LCD backlight, press or .

5.8 Advanced settings

5.8.1 How to select recall time

Recall time is the time delay by which the line will be disconnected after you press . The default value of recall time preset in your phone

should be the best suited for your country network. You do not need to change it.

- 1 Press to access the main menu
- 2 Press to select **Advanced Set**
- 3 Press to select **Recall Time**
- 4 Press to select the recall time of your country

Note

Number of available recall time options varies with different countries.

- 5 Press to confirm

5.8.2 How to set the dial mode

The default value for dial mode that is preset in your phone should be the best suited for your country network and therefore you do need to change it.

There are two dial modes: Tone or Pulse.

- 1 Press to access the main menu
- 2 Press to select **Advanced Set**
- 3 Press and to select **Dial Mode**
- 4 Press and to select **Tone** or **Pulse**
- 5 Press to save the settings

5.8.3 Call barring

Call barring enables you to restrict selected handsets from dialing a phone number beginning with certain numbers. You can set up to four different barring numbers, with each number containing up to four digits.

Note

You will be required to enter the 4-digit master PIN before you can activate or deactivate call barring mode, add or modify call barring number.











5.8.3.1 How to set call barring mode on/off

- 1 Press to access the main menu
- 2 Press to select **Advanced Set**
- 3 Press and to select **Call Barring**
- 4 Press to enter the 4-digit master PIN when prompted (default master PIN is 0000)
- 5 Press to select **Barring Mode**
- 6 Press to select **On** or **Off**
- 7 Press to save the settings

Note

If barring mode is set to on, **Call Barr On** will display on idle screen.

5.8.3.2 How to modify call barring number

- 1 Press  to access the main menu
- 2 Press  to select **Advanced Set**
- 3 Press  and  to select **Call Barring**
- 4 Press  to enter the 4-digit master PIN when prompted (default master PIN is 0000)
- 5 Press  and  to select **Barring Number**
- 6 Press  to choose a number (**Number 1, Number 2, Number 3, Number 4**)
- 7 Press  to enter the number
- 8 Press  to save the settings

Note

If a restricted number is dialled, the call will not be connected. When this happens, the phone emits an error tone and returns to idle mode.









5.8.4 Baby call

When activated, the Baby Call feature enables you to dial the selected number by pressing any key on your handset. This feature is very useful for direct access to emergency services.




Note

You can enter up to 24 digits for baby call number.









5.8.4.1 How to activate baby call mode

- 1 Press  to access the main menu
 - 2 Press  to select **Advanced Set**
 - 3 Press  and  to select **Baby Call**
 - 4 Press  to select **Mode**
 - 5 Press  and  to select **On**
 - 6 Press  to save the settings
- The message "**BabyCall On**" will display on the idle screen.

5.8.4.2 How to deactivate baby call mode








- 1 Press and hold  (when Baby Call mode has been activated before).
 - 2 Press  to select **Off**
 - 3 Press  to save the settings
- The message "**BabyCall On**" will disappear on the idle screen.

5.8.4.3 How to change baby call number

- 1 Press  to access the main menu
- 2 Press  to select **Advanced Set**
- 3 Press  and  to select **Baby Call**
- 4 Press  and  to select **Number**
- 5 Press  to enter the number
- 6 Press  to save the settings







5.8.5 How to manually select a base station

One CD645 handset can register up to four different CD645 base stations.

- 1 Press  to access the main menu
- 2 Scroll  to select **Advanced Set**
- 3 Press  and  to select **Base Selection**
- 4 Press  and  to select your desired base station
- 5 Press  to confirm

5.8.6 How to register an additional handset

Additional handsets must be registered to the base station before you can use them. Up to five handsets can be registered to one base station.

- 1 Press  to access the main menu
- 2 Scroll  to select **Advanced Set**
- 3 Press  and  to select **Registration**
- 4 Press  and  to select your desired base station

Note

The registered base station is marked with an asterisk at the rightmost of the display.

- 5 Press and enter the 4-digit master PIN when prompted (default master PIN is 0000)
 - 6 Press and press on the base station for more than three seconds at the same time.
- A beep tone is emitted from the handset to indicate successful registration and the screen returns to idle mode.

Note

If the base is found and the PIN is correct, the unused handset numbers will be assigned automatically.

If the PIN is incorrect, **Wrong PIN!** will be displayed with an error tone, and the handset returns to idle mode.

If no base is found within a certain period, **No Base found!** would be displayed with an error tone, and the handset returns to idle mode.

5.8.7 How to unregister a handset

- 1 Press to access the main menu
 - 2 Press to select **Advanced Set**
 - 3 Press and to select **Unregister**
 - 4 Press to enter the 4-digit master PIN when prompted (default master PIN is 0000)
 - 5 Press and to select your desired handset
 - 6 Press to confirm
- A beep tone is emitted from the handset to indicate the handset **unregistration is successful** and the screen shows **Unregistered** and back to idle screen.

Note

If there are no key presses within 15 seconds, the unregistration procedure will be aborted and the handset will return to idle mode.

5.8.8 How to change the master PIN

The Master PIN is used for setting call barring, resetting your handset and for registration/deregistration of handsets. The default PIN is 0000. The length of the PIN is four digits. This PIN is also used to protect the settings of your handset. Your handset will

prompt you whenever the PIN is required.

- 1 Press to access the main menu
- 2 Press to select **Advanced Set**
- 3 Press and to select **Change PIN**
- 4 Press to enter the 4-digit master PIN when prompted
- 5 Press to enter the new 4-digit PIN
- 6 Press to enter the new 4-digit PIN again for reconfirmation
- 7 Press to save the settings

Note

The default product 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.

5.8.9 How to reset to default settings

You can reset your phone to the default settings (see Section 5.7). After a reset, all your personal settings and call log entries will be deleted, but your phonebook remains unchanged.

- 1 Press to access the main menu
 - 2 Press to select **Advanced Set**
 - 3 Press and to select **Reset**
 - 4 Press to enter the 4-digit master PIN when prompted (default master PIN is 0000)
 - 5 Press confirm
 - 6 Press to reconfirm
- A beep tone is emitted and the screen returns to welcome screen. Your phone is reset to its default settings.
 - Some of the countries may not have welcome screen and your phone will return to idle screen after reset.

5.8.10 How to set the prefix number

This feature allows you to set the phone to use the cheapest operator prefix. Once the prefix number is set, it is automatically inserted at the beginning of each number dialled out.

- 1 Press to access the main menu
- 2 Press to select **Advanced Set**
- 3 Press and to select **Auto Prefix**

- 4** Press to enter the detect digits
- *The last stored detect digits are displayed.*
- Note**
The maximum length of detect digits is 5 digits.
- 5** Press to enter the auto prefix number
- *The last stored auto prefix number is displayed.*
- Note**
The maximum length of auto prefix number is 10 digits.
- 6** Press to save the settings

5.8.11 Country setting

The availability of this menu is dependent on your country.

You can select another country different from the one chosen during welcome mode.

- 1** Press to access the main menu
- 2** Press to select **Advanced Set**
- 3** Press and to select **Country**
- 4** Press and to select your country
- 5** Press to confirm your selection

Note

Once the country is selected, the default line settings for the selected country will be applied to your phone automatically.

5.8.12 How to set conference mode on/off

When conference mode is activated, you can initiate a three-party conference call with a second handset registered to your base station automatically if the second handset takes the line when there is already an external call in progress.

- 1** Press to access the main menu
- 2** Press to select **Advanced Set**
- 3** Press and to select **Conference**
- 4** Press to select **On** or **Off**
- 5** Press to save the settings

5.9 Network services

This menu provides a convenient means for you to access, activate or deactivate some network services that are country/subscription dependent. Contact your network provider for more information about these services.

The default numbers and values that are preset in your phone should be the best suited for your country network and therefore you do not need to change them.

5.9.1 Call forward

There are three call forwarding options available: Unconditional Call Forwarding, When Busy and When Unanswered.

5.9.1.1 How to activate call forwarding

- 1** Press to access the main menu
- 2** Press to select **Net. Service**
- 3** Press and to select the type of call forwarding option (**Call Forward / Call Fwd Busy / Call Fwd UnAns**)
- 4** Press and to select **Activate**
- 5** The number string for that selected service would be dialed
- 6** When the number has been dialed, press key to return to idle mode.

Note





When this feature is activated, depending on the call forwarding option you have set, your incoming calls will be forwarded to the number of your choice.

5.9.1.2 How to deactivate call forwarding

- 1** Press to access the main menu
- 2** Press to select **Net. Service**
- 3** Press and to select the type of call forwarding option (**Call Forward / Call Fwd Busy / Call Fwd UnAns**)
- 4** Press and to select **Deactivate**
- 5** The number string for that selected service is dialed
- 6** When the number has been dialed, press to return to idle mode.

5.9.1.3 How to set the call forward number








- 1** Press to access the main menu
- 2** Press to select **Net. Service**
- 3** Press and to select the type of call forwarding option (**Call Forward / Call Fwd Busy / Call Fwd UnAns**)

- 4 Press  and  to select **Settings**
- 5 Press  to enter the number
- 6 Press  to save the settings









5.9.2 Voice mail

Depending of your country, the voice mail feature may not be available. This feature allows the caller to leave a voice message when you are unable to take a call yourself. **The availability of this feature is dependent on your country and your subscription with your network provider.** These voice messages are stored by the network rather than in your handset itself. Contact your network provider for more information about this feature.


5.9.2.1 How to activate voice mail

- 1 Press  to access the main menu
- 2 Press  to select **Net. Service**
- 3 Press  and  to select **Voice Mail**
- 4 Press  and  to select **Activate**
- 5 The number string for voice mail service is dialled.
- 6 When the number has been dialled, press  to return to idle mode

5.9.2.2 How to set up voice mail number

- 1 Press  to access the main menu
- 2 Press  to select **Net. Service**
- 3 Press  and  to select **Voice Mail**
- 4 Press  and  to select **Settings**
- 5 Press  to enter the number
- 6 Press  to save the settings

* Tip

When a voice mail number is set, press and hold  will dial out to the voice mail number directly.








5.9.3 Information services from network operator

Depending of your country, the info feature may not be available. This feature allows the caller to listen to information provided by your network provider. **The availability of this feature is dependent of your country and your**









subscription with your network provider.

This info are stored by the network rather than in your handset itself. Contact your network provider for more information about this feature.


5.9.3.1 How to activate info

- 1 Press  to access the main menu
- 2 Press  to select **Net. Service**
- 3 Press  and  to select **Info**
- 4 Press  and  to select **Activate**
- 5 When the number has been dialled, press  to return to idle mode

5.9.3.2 How to set up info number








- 1 Press  to access the main menu
- 2 Scroll  to select **Net. Service**
- 3 Press  and  to select **Info**
- 4 Press  and  to select **Settings**
- 5 Press  to enter the number
- 6 Press  to save the settings

* Tip









When an info number is set, press and hold  will dial out to the info number directly.

5.9.4 Call back

5.9.4.1 How to activate call back

- 1 Press  to access the main menu
- 2 Press  to select **Net. Service**
- 3 Press  and  to select **Call Back**
- 4 Press  and  to select **Activate**
- 5 When the number has been dialled, press  to return to idle mode

5.9.4.2 How to set up call back number

- 1 Press  to access the main menu
- 2 Press  to select **Net. Service**
- 3 Press  and  to select **Call Back**
- 4 Press  and  to select **Settings**
- 5 Press  to enter the number
- 6 Press  to save the settings

5.9.5 Cancel call back

5.9.5.1 How to activate cancel call back

- 1 Press to access the main menu
- 2 Press to select **Net. Service**
- 3 Press and to select **Cancel Call Bk**
- 4 Press and to select **Activate**
- 5 When the number has been dialled, press to return to idle mode

5.9.5.2 How to set up cancel call back number

- 1 Press to access the main menu
- 2 Scroll to select **Net. Service**
- 3 Press and to select **Cancel Call Bk**
- 4 Press and to select **Settings**
- 5 Press to enter the number
- 6 Press to save the settings

5.9.6 Withhold ID

5.9.6.1 How to activate withhold ID

- 1 Press to access the main menu
- 2 Press to select **Net. Service**
- 3 Press and to select **Withhold ID**
- 4 Press and to select **Activate**
- 5 When the number has been dialled, press to return to idle mode

5.9.6.2 How to set up withhold ID number

- 1 Press to access the main menu
- 2 Press to select **Net. Service**
- 3 Press and to select **Withhold ID**
- 4 Press and to select **Settings**
- 5 Press to enter the number
- 6 Press to save the settings

5.10 Games

Two games (Tetris and Snake) are pre-installed in your phone for you to play around.

- 1 Press to access the main menu
- 2 Press to select **Games**
- 3 Press and to select your desired game
- 4 Press
- *The instruction screen is displayed.*
- 5 Press to start the game.

Note

During the game, you can press / / / to move up / left / right / down respectively. You can also press or to quit the game and back to Games menu, press to pause the game and press any of / / / to resume the game.

5.11 How to enter text and number

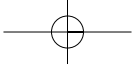
5.11.1 Entering text and digit

You can enter the names of your phonebook entries characters by character by pressing the relevant key once or several times to reach the desired character.


Key	Assignment
1	space 1 @ _ # = < > () & £ \$ ¥ € [] { }
2	a b c 2 à ä ç å æ
3	d e f 3 é è Δ Φ
4	g h i 4 i Γ
5	j k l 5 Λ
6	m n o 6 ñ ò ö
7	p q r s 7 β Π Θ Σ
8	t u v 8 ù ü
9	w x y z 9 ø Ω Ξ Ψ
0	. 0 , / ; " ' ! ; ? * + - % \ ^ ~

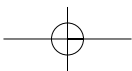
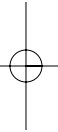
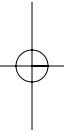
For example, to enter the name "PETER" in editing mode:

- Press once: P
 Press twice: E
 Press once: T
 Press twice: E
 Press three times: R



5.11.2 Switching between lowercase and uppercase

By default, all characters entered will be in uppercase. You can press  to switch between uppercase and lowercase letters.










6 Answering machine

Your CD645 includes a telephone answering machine that records unanswered calls when it is on. The LED message counter (two digits seven segment display) on the base will show the number of the messages when the answering machine is on.

The answering machine can store up to 99 messages within the maximum recording time of approximately 30 minutes.

6.1 Answering machine control keys on the base station



Buttons on the base station

Buttons on the base station	Description
	Press to turn on/off the answering machine
	Press to play the message or stop the message playback
	Press to delete the current message Press and hold for two seconds to delete all the old messages in idle mode
	Press to go back to previous message if it is pressed within one second of current message playback Press to replay current message if it is pressed after one second of current message playback
	Press to skip the current message and play the next message
	Increase (+) or decrease (-) speaker volume during message playback
	Press to page the handset Press and hold for more than three seconds to start registration procedure









6.2 How to turn on the answering machine

You can turn on the answering machine either through the base or the handset.

Through the base:

- 1 Press  to turn off the answering machine.
 -  displays on the handset screen and number of messages displays on the base LED.

Through the handset:

- 1 Press  and  to select **Answer Machine**
- 2 Press  and  to select **Answer On/Off**
- 3 Press  and  to select **On**
- 4 Press  to confirm
 -  displays on the handset screen and number of messages displays on the base LED.

6.3 How to turn off the answering machine

You can turn off the answering machine either through the base or the handset.

Through the base:

- 1 Press to turn off the answering machine.
- disappears on the handset screen and - - displays on the base LED.

Through the handset:

- 1 Press and to select **Answer Machine**
- 2 Press and to select **Answer On/Off**
- 3 Press and to select **Off**
- 4 Press to confirm
- disappears on the handset screen and - - displays on the base LED.

6.4 How to listen to the new message(s) and the old message(s)

When new messages are recorded on the answering machine, is flashing on the handset display and the LED on base blinks until all the new messages are played. Old messages will be played after all new messages are played completely and remains steadily on and the message counter LED stays steady to indicate the number of old messages stored in the answering machine.

Listen to new messages through the base:

- 1 Press to start playing the new messages
- *The new messages in the sequence they are recorded are played from the loudspeaker on the base station.*
- 2 Press to adjust the loudspeaker volume during message playback.

Note

Five levels of loudspeaker volume are available.

Listen to new messages through the handset:

- 1 Press and to select **Answer Machine**
- 2 Press to select **PLAY**
- 3 Press to start playing new messages (if there are messages received)
- *The new messages in the sequence they are recorded are played from the speakerphone on the handset.*

Note

If there are no messages in your answering machine, **No messages!** will display on the handset screen and return to previous screen.

Available functions during message playback:

Adjust volume	Press key
Stop playback	Press to stop current playback and return to Play menu, or press to stop playback and return to idle.
Repeat	Press , press to select Repeat and press .
Next message	Press , press to select Forward and press .
Previous message	Press , press to select Previous and press .
Delete the current message	Press , press to select Delete and press .
Switch the playback between the earpiece and the speaker	Press .

Tip

You can also access the answer machine feature by pressing in idle mode, press to select **TAM**, press to select **Play**. Press to start playing the messages.

6.5 How to delete all messages

- 1 Press to access the main menu
- 2 Press to select **Answer Machine**
- 3 Press and to select **Delete All**
- 4 Press to confirm

- 5** Press to reconfirm deletion of all your messages.

Note

Unread messages cannot be deleted.

6.6 Answering machine settings

Use the answering machine menu through the handset to change the settings of the answering machine.

6.6.1 How to set answering machine mode

By default the answer machine is set in **Answer & Record** mode (message can be left by the callers), this can be change to **Answer Only** (no message can be left by the callers. Your correspondent will be prompted to call back later.).

- 1** Press to access the main menu
- 2** Press to select **Answer Machine**
- 3** Press and to select **Settings**
- 4** Press to select **Answer Mode**
- 5** Press to select **Answer & Record** or **Answer Only**
- 6** Press to save the settings

Note

You can then set your own personalized outgoing message or predefined outgoing message in Section 6.6.1.1.

6.6.1.1 How to set outgoing message

The answering machine announces the outgoing message when it answers the call. There is a default outgoing message. You can also record your own outgoing message. When you record your own outgoing message, it will be used when the answering machine answers the call. If your own outgoing message is deleted, the default outgoing message will be restored automatically.

- 1** Press to access the main menu
- 2** Press to select **Answer Machine**
- 3** Press and to select **Ans. Settings**
- 4** Press to select **Answer Mode**
- 5** Press to select **Answer & Record** or **Answer Only**

- 6** Press and to set your outgoing message as **Predefined** or **Personalized**

- 7** Press to confirm

Note

If **Personalized** is selected, you can choose to play, record or delete messages. See Section 6.6.1.1.1 for details.

If **Predefined** is selected, you can choose to play messages or change the language. See Sections 6.6.1.1.2 for details.

6.6.1.1.1 Personalize your outgoing messages

If you set your outgoing message as **Personalized**, press to access the following options:



Options available for Personalized Outgoing Messages	Description
Play Messages*	Press to playback existing outgoing messages (if any)
Record Messages**	Press to start recording the outgoing message, press to stop and save the recording and play back the recorded outgoing message Note The maximum length of an outgoing message is 60 seconds.
Delete Messages.	Press to delete the outgoing message




Note

* If there is no existing personalized outgoing message, the screen will display **No Messages!** and return to the previous menu.

** When you record a new personalized outgoing message, the previous one is overwritten automatically.

6.6.1.1.2 Use the predefined outgoing message

If you set your outgoing message as **Predefined**, press / to access the following:














Options available for Predefined Outgoing Messages	Description
Languages*	Press  and  to select your desired outgoing message language
Play Messages	Press  to play back the predefined outgoing message.

Note

* Depending on your country, your phone may have only one outgoing message language.

6.6.2 How to set ring delay

You can set the number of rings before the answering machine answers and starts playing your greeting message. You can set the answering machine to answer after three to eight rings or economy.








- 1 Press  to access the main menu
- 2 Press / to select **Answer Machine**
- 3 Press  and / to select **Ans. Settings**
- 4 Press  and / to select **Ring Delay**
- 5 Press  and / to select the number of rings from 3 rings to 8 rings or **Economy**
- 6 Press  to save the settings

Note

Economy mode can save you the cost of a long-distance call when you check your messages remotely. If there are new messages in your answering machine, the outgoing message will start playing after three rings. If there are no new messages, the outgoing message will be played after five rings. Hence, if you want to check if you have any messages without incurring call charges, you can hang up the call after the fourth ring.

6.6.3 How to set message tone

An alert tone sounds periodically when there is new message. You can turn on or off this message alert tone. The default setting is **Off**.














- 1 Press  to access the main menu
- 2 Press / to select **Answer Machine**
- 3 Press  to select **Ans. Settings**
- 4 Press  to select **Message Tone**
- 5 Press  to select **On or Off**
- 6 Press  to save the settings

6.6.4 Remote control access










This feature lets you check your messages, or otherwise operate your answering machine, by calling the answering machine when you are away from home on a tone dialling phone.

6.6.4.1 How to change remote access PIN

Your phone lets you check your messages or operate your answering machine by entering a 4-digit remote access PIN on a tone-dialing phone.

- 1 Press  to access the main menu
- 2 Press / to select **Answer Machine**
- 3 Press  and / to select **Ans. Settings**
- 4 Press  and / to select **Change PIN**
- 5 Press  to enter the default/current 4-digit remote access PIN when prompted (Default remote access PIN is 0000)
- 6 Press  to enter the new remote access PIN
- 7 Press  to enter the new remote access PIN again
- 8 Press  to save the settings

6.6.4.2 How to activate/deactivate remote access

- 1 Press  to access the main menu
- 2 Press / to select **Answer Machine**
- 3 Press  and / to select **Ans. Settings**
- 4 Press  and / to select **Remote Acc.**

- 5 Press and / to select **Activate** or **Deactivate**
- 6 Press to save the settings

6.6.4.3 How to remotely access your answering machine

- 1 Place a call from your external phone to your CD645
- 2 When the answering machine answers the call and starts playing the outgoing message, press to enter #
- 3 Enter the 4-digit remote access PIN

Note

If the PIN is correct, recorded messages would be played back automatically.

However, if the PIN is incorrect, an error tone would be heard, you can retry to enter the remote access PIN again.

If retry PIN is still incorrect, the answering machine will drop the line immediately.

If there are messages, all the new messages will be played immediately and then old messages will be played after a long beep.

- 4 Press the following keys to carry out the desired function

Keys	Description
1	Skip to the previous message
2	Play the message
3	Skip to the next message
6	Delete the playing message
7	Turn on the answering machine
8	Stop message playback
9	Turn off the answering machine
#	Enter the remote access code if the answering machine is on and outgoing message is playing.

Note

If the answering machine is off, the phone will enter into the remote access mode after 10 rings. User can then enter the 4-digit remote access PIN (default is 0000) to activate the remote access feature.

6.6.5 Call screening on Handset

If Call screening is set to **On**, when there is an incoming message, you can press to start call screening. If you decide to pick up the call,

press . Once the call has been picked up, the recording will stop automatically.

- 1 Press to access the main menu
- 2 Press / to select **Answer Machine**
- 3 Press and / to select **Ans. Settings**
- 4 Press and / to select **Screening**
- 5 Press to select **On** or **Off**
- 6 Press to save the settings

Note

During call screening, user cannot stop the call screening, only and / on handset can be used.

6.6.6 Call screening on Base

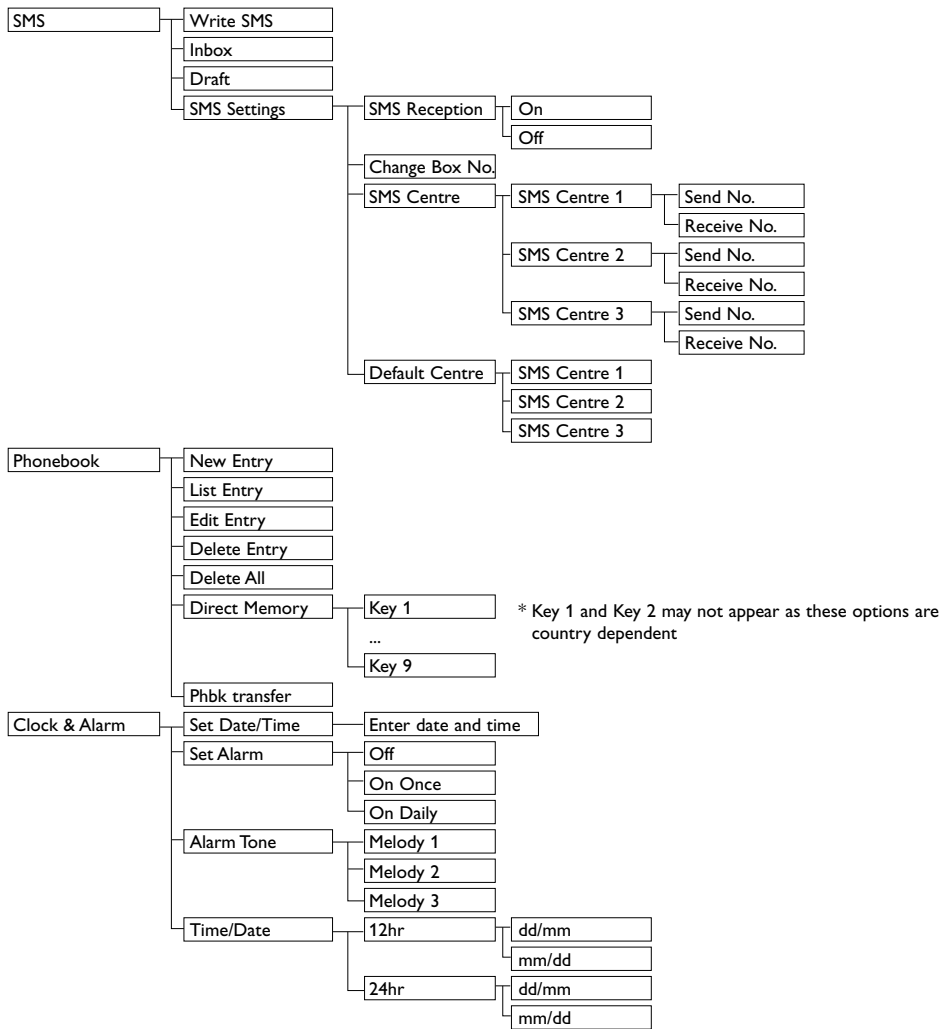
When the answering machine picks up the call, call screening on base will be turned on if the volume level is not at . You can press to turn the base volume level to to turn off the call screening on base.

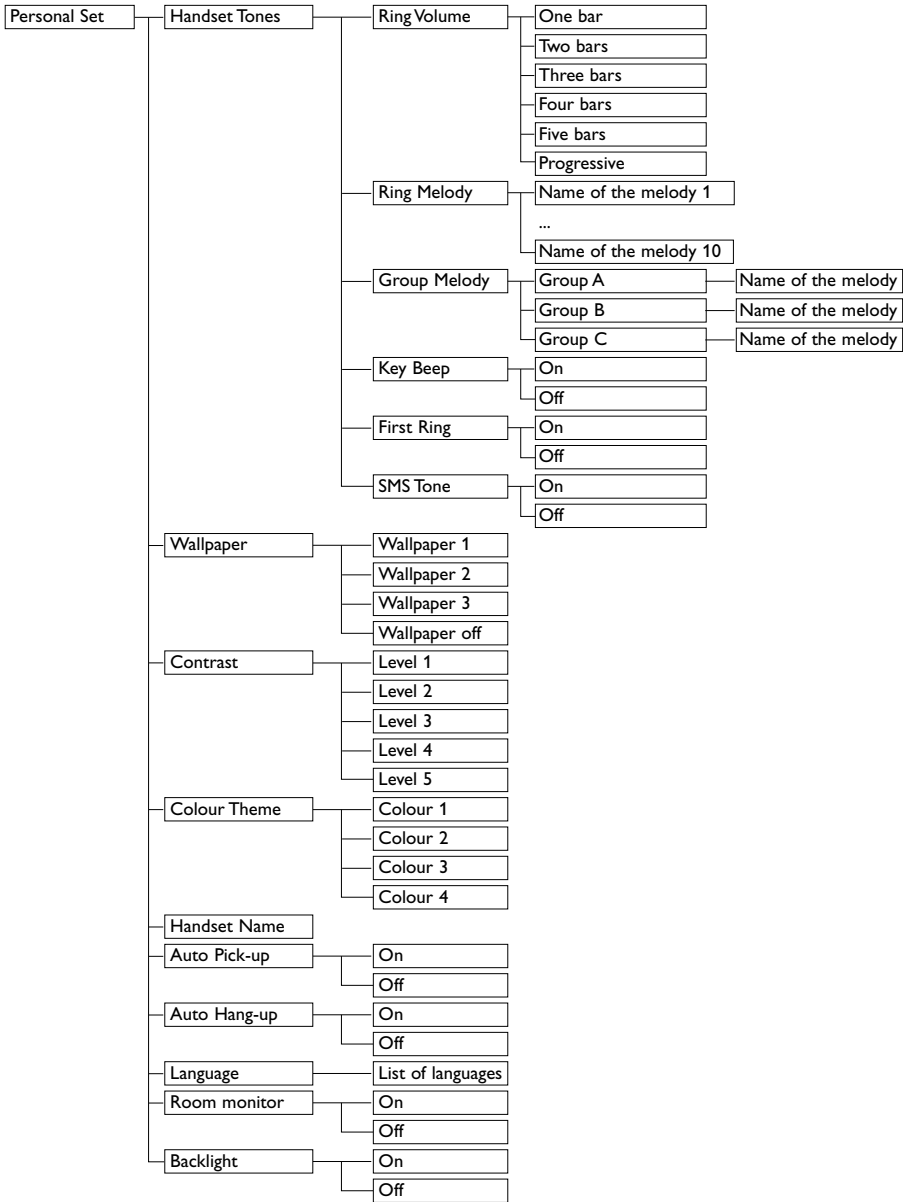
7 Default settings

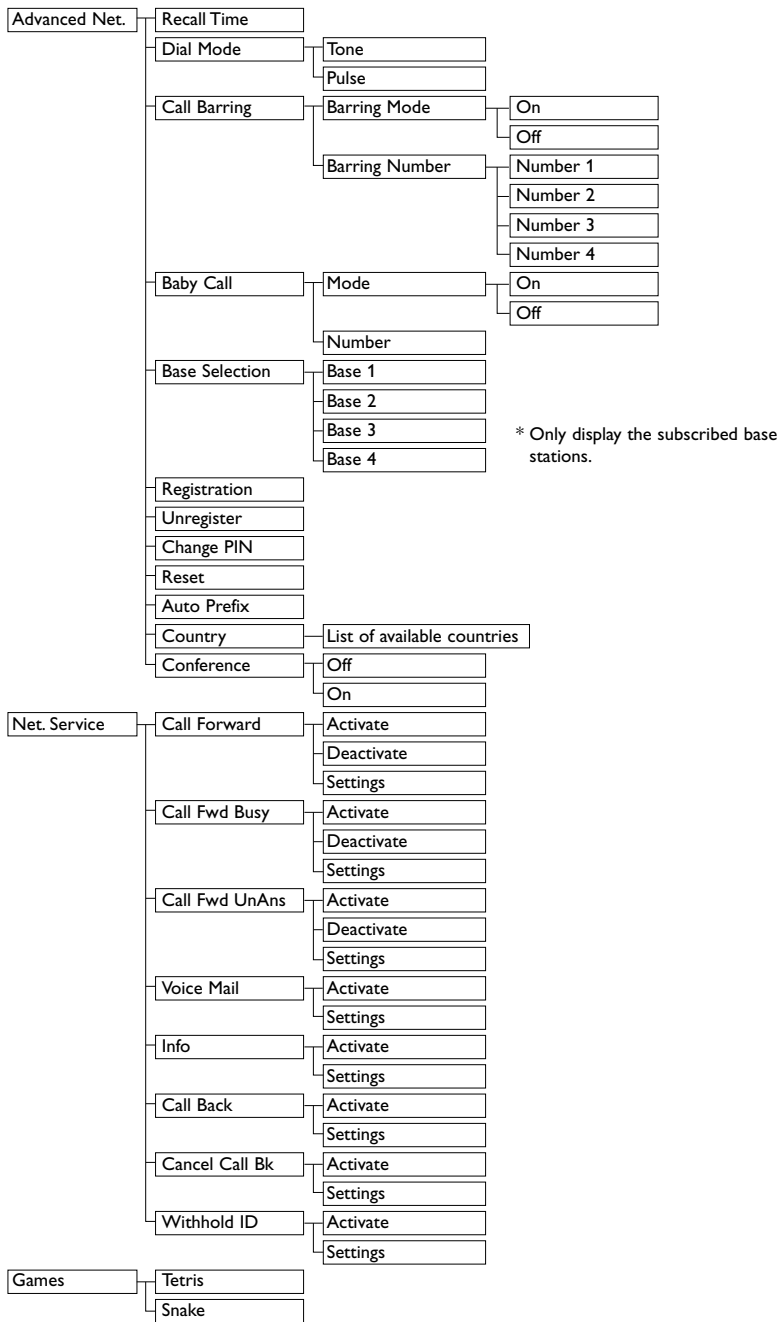
Items	Default values
Handset name:	PHILIPS
Date:	--:--
Time:	--:--
Earpiece volume:	Level 3
Ring melody:	Melody 1
Ring volume:	Level 3
Alarm::	Off
Alarm ringer melody:	Melody 1
Key tone:	On
Auto pick-up:	Off
Auto hang-up:	On
First ring:	On
SMS tone	On
Contrast level:	Level 3
Wallpaper:	Wallpaper 1
Colour theme:	Colour 1
Keypad Backlight	On
Room Monitor:	Off
Language:	Country dependent
Recall time:	Country dependent
Barring mode:	Off
Dial mode:	Tone
Baby call mode:	Off
Master PIN:	0000
Conference mode:	Off
Answer Machine:	On
Answer mode:	Answer & Rec
Ring delay:	6 Rings
Message tone:	Off
Remote access:	Activate
Remote access PIN:	0000
Call screening:	On
Base speaker volume:	03

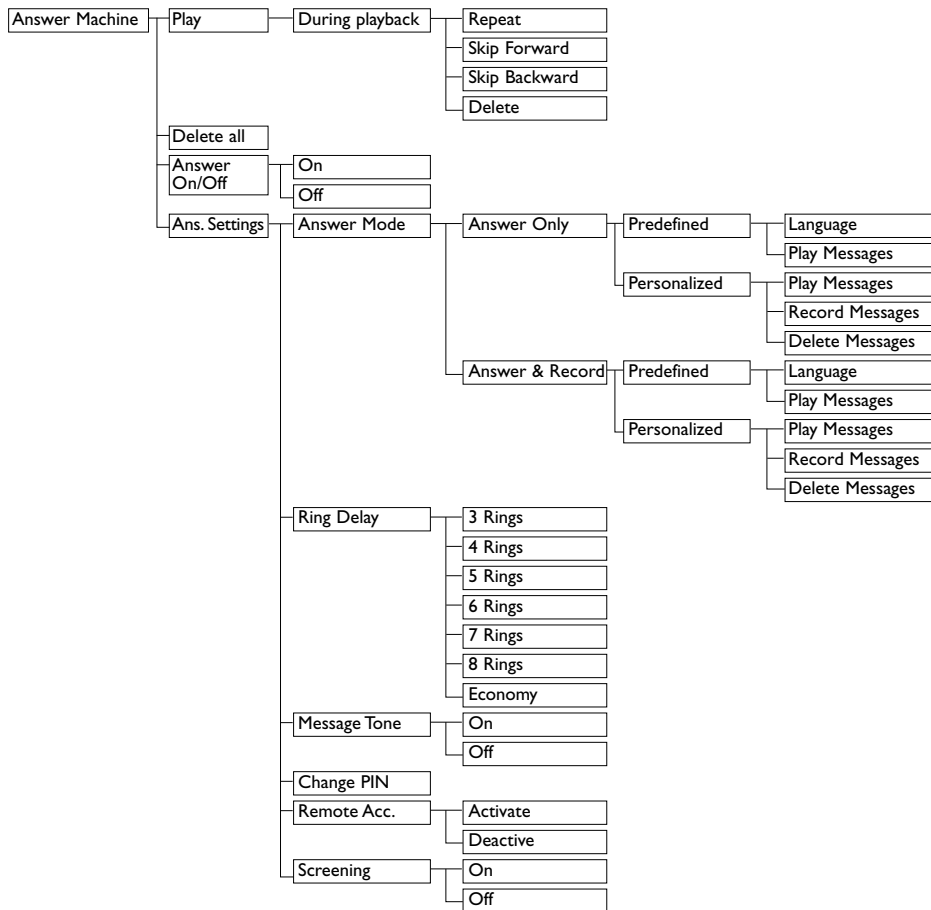
8 Menu structure

The table below describes the menu tree of your phone.









9 Technical data

Display

- 5-Line Colour Graphical LCD
- 16 characters per line
- Keypad backlight

General telephone features

- GAP compliant
- Up to five multi-handset registration at a single base station
- Up to four multi-base registration
- Intercom between handsets
- External/Internal call transfer between handsets
- 3-way conference (two internal calls and one external call)
- Handset paging from base station
- Caller name and number identification
- 10 polyphonic melodies
- Distinctive group ringing
- Baby call
- Alarm
- Keypad lock

Contact list

- 200 contacts
- 12 characters (at max.) for name and 24 digits (at max.) for each contact

Call list

- 50 unanswered calls

Redial list

- 20 last numbers dialled
- 24 digits (at max.) for each entry

Answering machine

- Answer and record mode
- Answer only mode
- Predefined outgoing message
- Personalized outgoing message
- Approximately 30 minutes recording time in total
- Remote access control

Battery

- Two rechargeable AAA NiMh 750mAh batteries

Weight and dimensions

- Handset: 161 grams
- Base: 198 grams
- Handset: 160.6mm x 46.2mm x 29.2mm (HxDxW)
- Base: 116mm x 108.9mm x 82.3mm (HxDxW)

Temperature range

- Operation: 0°C to +40°C
- Storage: -25°C to +66°C

Relative humidity

- Operation: Up to 80% at 40°C
 - Storage: Up to 80% at 40°C
-

10 Frequently asked questions

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

Connection

The handset does not switch on!

- Charge the battery: Put the handset on charger. After a few moments the phone will switch on.
- Check the charger connections
- Use only the **SUPPLIED RECHARGEABLE BATTERIES**.

The phone does not work at all.

- Make sure that the adaptor and the phone cord are connected properly
- Check that the batteries are fully charged and installed properly
- This phone does not work during power failure

Communication is lost during a call!

- Charge the battery
- Move closer to the base station

Poor audio quality

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

No dialling tone

- Check the connections. Reset the phone: unplug and plug back in the mains.
- Charge the batteries for at least 24 hours
- Move closer to the base station
- Use the line cable provided
- Connect the line adaptor (when needed) to the line cord

The is blinking.

- Move closer to the base station
- Check battery level
- Register the handset to the base station

The appears soon after the batteries are charged.

- Replace the batteries with new ones (use only **RECHARGEABLE** batteries)

Set-up

Caller ID does not work properly.

- Check with your local phone company that the CID service is subscribed to
- Let the phone ring at least once before answering

The Call Waiting call cannot be answered.

- Check with your local phone company and select the correct recall duration

The handset LCD displays nothing.

- Try again by disconnecting and connecting the base station power supply and follow the procedure to register a handset (see Section 5.8.6)
- Make sure the two supplied rechargeable batteries have been inserted properly into the battery compartment
- Remove and place back the handset batteries
- Make sure the supplied batteries are charged up

The handset displays Unregistered.


- Follow the procedures to register the handset to a base

Sound

Handset does not ring!

- Increase the volume
- Make sure that the adaptor and the phone cord are connected properly
- Move the handset closer to the base unit
- Make sure the handset ringer is turned on

Caller does not hear me!

- Microphone may be muted: During a call, press  to unmuted the microphone.

Noise interference on your radio or television.

- Move the power adapter or base station as far away as possible


Product behaviour**Caller Line Identification (CLI) service does not work.**

- Check your subscription with your network operator

A phonebook entry cannot be stored.

- Check if the phonebook memory is full, delete an entry to free memory.

The handset is unable to register.

- Make sure that  has been pressed for 3 seconds
- Each base can only register up to four handsets

Answering Machine**The answering machine does not record calls.**

- Make sure the answering machine is connected to the power adaptor, and the power adaptor is plugged into mains supply which is switched on.
- Check if the answer machine is off, or Answer only mode is selected.
- Check to see if the answering machine is memory full. If so, delete some or all messages.
- Try switching off the power at the main socket, and then turn it on again after 1 minute.

Unable to perform remote operation.

- Make sure the remote access is on (see Section 6.6.4.2)
- Make sure you entered the correct remote access code
- Use a touch-tone phone

 **Note**

If the above solutions do not help, remove the power from both the handset and the base. Wait for 1 minute and try again.

 **Note**

If the above solutions do not help, remove the power from both the handset and the base. Wait for 1 minute and try again.

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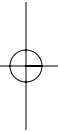
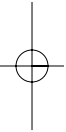
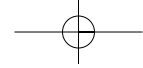
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