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www.philips.com/welcome

CD645

EN Digital Cordless Telephone

Warning

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

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1 Important Safety Instructions

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

1 Read and understand all instructions.

2 Follow all warnings and instructions marked on the product.

3 Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

4 Telephones should not be used while you are in a bathtub, shower or pool. Immersion of the telephone or handset in water could cause an electrical shock.

5 Slots and openings in the cabinet back or bottom are provided for ventilation, to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation unless proper ventilation is provided.

6 This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.

7 Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by persons walking on it.

8 Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.

9 Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.

10 To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified service personnel when service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.

11 Do not expose the product to extreme temperatures such as areas near a hot radiator or stove or in a hot car.

12 Do not place lighted candles, cigarettes, cigars, etc., on the telephone.

13 Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.

14 Never install or modify telephone wiring during a lightning storm.

15 Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.

16 Use caution when installing or modifying telephone lines to prevent electrical shock and/or fire.

17 Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

A When the power supply cord or plug is damaged or frayed.

B If the product has been exposed to rain or water.

C If the product does not operate normally by following the operating instructions.

D If the product's cabinet has been damaged.

E If the product exhibits a distinct change in performance.

6 Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

7 Do not use the telephone to report a gas leak in the vicinity of the leak.

8 Do not place this product on an unstable cart, stand or table.The product may fall, causing serious damage to the product.

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IF YOUR PRODUCT UTILIZES BATTERIES,THE FOLLOWING ADDITIONAL PRECAUTIONS SHOULD BE OBSERVED :

1. Use only the type and size of battery(ies) specified in the user manual.
2. Do not dispose of the battery(ies) in fire. They may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling battery(ies) in order not to short out the battery(ies) with conducting materials such as rings, bracelets, and keys.The battery(ies) or conductor may overheat and cause burns.
5. Do not attempt to recharge the battery(ies) provided with or identified for use with this product that are not intended to be charged.The battery(ies) may leak corrosive electrolyte or explode.
6. Do not attempt to rejuvenate the battery(ies) provided with or identified for use with this product by heating them. Sudden release of the battery(ies) electrolyte may occur causing burns or irritation to eyes or skin.
7. When replacing battery(ies), all batteries should be replaced at the same time. Mixing fresh and discharged batteries could increase internal cell pressure and rupture the discharged battery(ies). (Applies to products employing more than one separately replaceable primary battery.)
8. When inserting battery(ies) into this product, the proper polarity or direction must be observed. Reverse insertion of battery(ies) can cause charging, and that may result in leakage or explosion.
9. Remove battery(ies) from this product if storing over 30 days because the battery(ies) could leak and damage the product.
10. Discard "dead" battery(ies) as soon as possible since "dead" batteries are more likely to leak in a product.
11. Do not store this product, or the battery(ies) provided with or identified for use with this product, in high temperature areas. Batteries that are stored in a freezer or refrigerator for the purpose of extending shelf life should be protected from condensation during storage and defrosting. Batteries should be stabilized at room temperature prior to use after cold storage.
12. If your product uses rechargeable battery(ies), charge the battery(ies) only in accordance with the instructions and limitation specified in the User Manual.

SAVE THESE INSTRUCTIONS

1.1 Safety information

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

1.2 Power requirements

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

1.3 Battery requirements

The handset requires power source of two rechargeable NiMH batteries, size AAA 1.2V 750mAh (Hr11/45). IF THE INCORRECT TYPE OF BATTERIES ARE USED, A WARNING MESSAGE WILL BE DISPLAYED.

Use only Philips Multi-Life 750mAh rechargeable NimH batteries.

For servicing or replacement, you can purchase a suitable headset through service center or retail shop.

⚠ Warning

The electrical network is classified as dangerous according to criteria in the standard UL 60950. The only way to power down this product is by unplugging the power supply from the electrical outlet. Ensure the electrical outlet is located close to the apparatus and is always easily accessible.

1.4 Telephone connection

The voltage on the network is classified as TNV-3 (Telecommunication Network Voltages, as defined in the standard UL 60950). Following a power cut, the call in progress is lost.

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1.5 Safety precautions

- Do not allow the handset to come into contact with liquids or moisture.
- Do not open the handset, base station or charger.This could expose you to high voltages.
- Do not allow the charging contacts of the charger or the battery to come into contact with extraneous conductive materials.
- There is a slight chance that the telephone could be damaged by an electrical storm. It is recommended that users unplug the phone from the USB socket and the phone line from the phone wall socket during a storm.
- Do not use the handset in an explosive hazard area such as where there is gas leaking.
- Young children should be supervised to ensure that they do not play with the telephone.
- Because the phone works by sending radio signals between the base unit and the handset, wearers of hearing aids may experience interference in the form of a humming noise.
- We advise that this phone should not be used near intensive care medical equipment or by persons with pacemakers.
- Your phone can interfere with electrical equipment such as answering machines, TV and radio sets if placed too close. It is recommended that you position the base unit at least one meter from such appliances.

⚠ Warning

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

⚠ Warning

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
Never use non-rechargeable batteries; use recommended type supplied with this telephone. NiMH batteries must be disposed of in accordance with the applicable waste disposal regulations.
FCC CERTIFICATION NUMBER IS LOCATED ON THE CABINET BOTTOM
The term „IC:“ before the certification number signifies that Industry Canada technical specifications were met. This certification means that the equipment meets certain radio communications and operational requirements.

1.6 Warranty

This Class B digital apparatus complies with Canadian ICES-003.
The warranty informations are available on www.p4c.philips.com.

1.7 Conformity

The Declaration of conformity is available on www.p4c.philips.com.

1.8 Environmental care

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

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.

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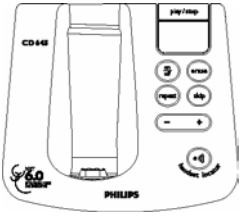
2 Your phone

Congratulations on your purchase and welcome to Philips!

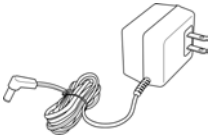
To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

2.1 What's in the box

Handset



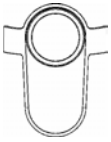
Base station



Power supply unit

Line cord (RJ11)

2 AAA Rechargeable NiMH 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 adapter 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.

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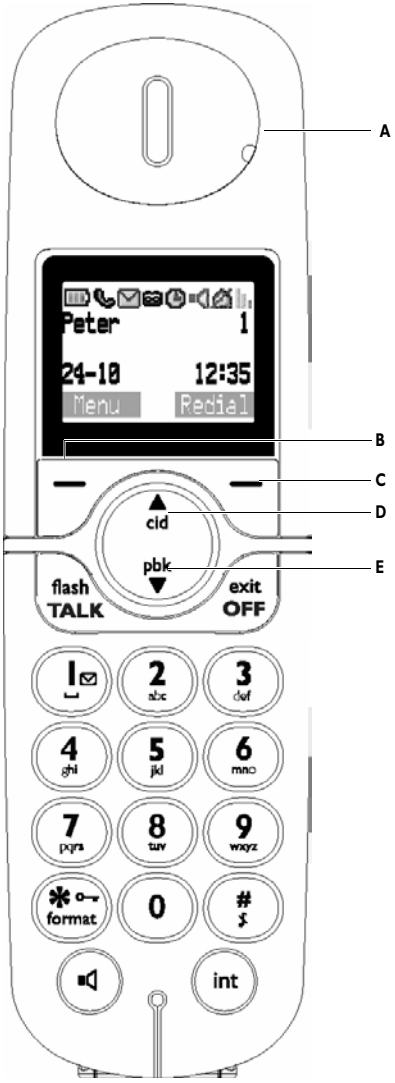
2.2 Overview of your phone

2.2.1 Handset



A Event LED
OFF: No new events
RED BLINKING: Unread events (example: a missed call if you have subscribed the Caller Line Identification Service (CLI) 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

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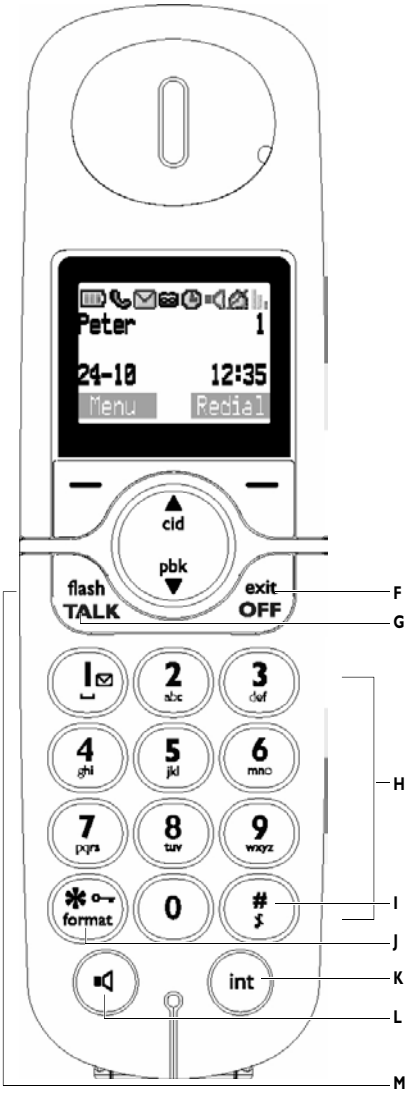

F Talk off/Exit key

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/Format key

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

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

In call log reviewing mode: Press repeatedly to view the alternate dialing sequences

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

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2.2.2 Display icons on the handset

	Indicate battery level Display when the battery is fully discharged Display when the battery is running low Display when the battery is partially charged Display when the battery is fully charged Display battery icon animation during charging
	Display when the phone is in use. Blink when there is an external incoming call or when an internal 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 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.

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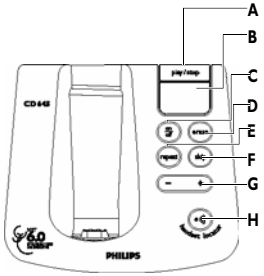
2.2.3 Base station



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
Fu and -- blink alternately: When the message memory is full
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:
00 Steady: Indicate that there is no message
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).
02 Steady: Display number of old messages (e.g. two old messages in the memory).
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)
Ao Steady: Display when answer only mode is selected
P1 Steady: Display when playing answer & record outgoing message
P2 Steady: Display when playing answer only outgoing message
rE Steady: Display when recording incoming message
rA Steady: Blink when accessing line remote

C Answering machine ON/OFF key
Press to turn on or off the answering machine.

D Erase 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 Repeat key
Press to go back to previous message

F Skip key
Skip to next message during message playback

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

H Handset locator key
Press to locate the handset
Press and hold for three seconds to start registration procedure

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3 Getting started

3.1 Connect the base station

Caution

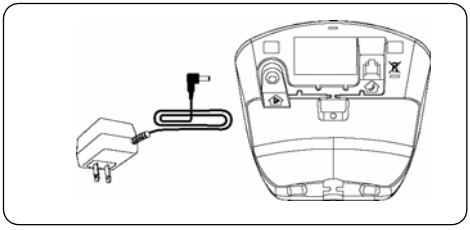
Avoid placing the base station too close to large metal objects such as filing cabinets, radiators or electrical appliances. This can impair the range and sound quality. Buildings with thick internal and external walls may impair transmission of signals to and from the base.

Warning

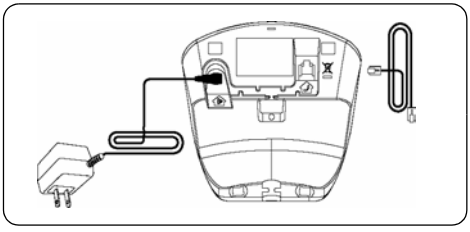
Power is applied when the power adaptor is plugged into the unit and connected to the electricity socket. The only way to power down the unit is to unplug the power adaptor from the electricity socket. Therefore, ensure that the electricity socket is easily accessible.

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.

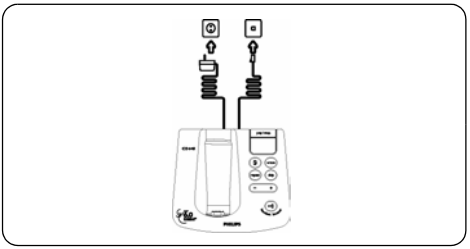
1 Insert the plug of the power cord into the socket under the base station.



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.



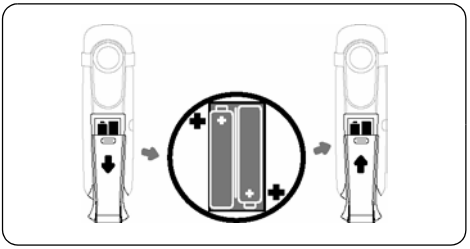
Note

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.

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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 ▲ cid / ▼ pbk 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 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

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4 Using your phone

4.1 Make a call

4.1.1 Predialing

1. Enter the phone number (maximum 24 digits)
2. Press flash/TALK to dial the number

- *The call is initiated.*

4.1.2 Direct dialing

1. Press flash/TALK 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 ▲cid to select **Call List**
2. Press −
3. Press ▲cid/pbk▼ 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)*
- **Unknown** 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 flash/TALK 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 pbk▼ to access the phonebook
2. Press ▲cid/pbk▼ to select your desired phonebook entry
3. Press flash/TALK to dial the number

- *The call is initiated.*

Tip

Instead of pressing ▲cid or pbk▼ 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 2abc once will show the entries starting with A. Pressing 2abc 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 ▲cid/pbk▼ to scroll to your desired entry
3. Press flash/TALK 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 flash/TALK.

- *The call is established.*

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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.

Warning

Call back from the call list may not work for all received numbers.

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.

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4.6.2 How to transfer an external call to another handset

During an external call:

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

Note

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

5. Press (esc OFF) 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 (int) to initiate an internal call
- *The handsets available for intercom will be displayed and the external call is put on hold automatically.*
2. Press (cid)/(pbk) to select your desired handset
3. Press (-) to call your desired handset
- *Your desired handset rings.*
4. Press (flash TALK) on the called handset to start intercom

Note

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

5. Long press (int) 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 (int) 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 (int) 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 (flash TALK).

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 (flash TALK)/ (esc OFF)/ (mute)/ (-) on the handset or (•)) on the base again.

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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 /cid /pbk to display the current earpiece volume level
2. Press /cid /pbk 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:

Press to activate loudspeaker mode

5.2 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.

5.2.1 How to store a number in the phonebook

In idle mode:

1. Press to access the main menu
2. Press /cid /pbk 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.

5.2.2 How to access the phonebook

In idle mode:

1. Press to access the main menu
2. Press /cid /pbk to select **Phonebook**
3. Press and /cid /pbk to select **List Entry**
4. Press and /cid /pbk 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 /pbk to access your phonebook, press /cid /pbk to select your desired phonebook entry and press view the details of your selected phonebook entry.

5.2.3 How to edit a phonebook entry

In idle mode:

1. Press to access the main menu
2. Press /cid /pbk to select **Phonebook**
3. Press and /cid /pbk to select **Edit Entry**
4. Press and /cid /pbk 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.*

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5.2.4 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.*

5.2.5 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.*

5.2.6 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.

5.2.7 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.*

5.3 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

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unanswered calls are displayed in chronological order with the most recent unanswered call at the top of the list.

Warning

Call back from the call list may not work for all received numbers.

5.3.1 How to access the call log

You can review the caller ID with alternate dialing sequences. You can then make a call with the selected dialing sequence directly or store this number in your phonebook.

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

5.3.1.1 To choose the format for call log display

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

1. When viewing the call log, press * to change the format of the call log display as it should be dialled from your location. For example, if the call log entry appears as "234-567-8900":

- Press * twice to display "1-234-567-8900"
- Press * 3 times to display "1-567-8900"
- Press * 4 times to display "567-8900"
- Press * 5 times to display "234-567-8900" again.

2. To dial the current displayed number, press key.
   - *The call is initiated.*

5.3.2 How to save call log entry to phonebook

In idle mode:

1. Press cid to access the call log
2. Press to enter **Call List**
3. Press cid/pbk 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.*

5.3.3 How to delete the call log entry

In idle mode:

1. Press cid to access the call log
2. Press to enter **Call List**
3. Press cid/pbk to select an entry
4. Press and cid/pbk to select **Delete**
5. Press to confirm

- *A beep tone is emitted and the selected call log entry is deleted.*

5.3.4 How to delete the entire call log

In idle mode:

1. Press cid to access the calls log
2. Press to enter **Call List**
3. Press cid/pbk 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.*

5.4 Redial list

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

Warning

Call back from the call list may not work for all received numbers.

5.4.1 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 cid/pbk to view other dialed numbers

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5.4.2 How to save a redial list entry to phonebook

In idle mode:

1. Press to access the redial list
2. Press cid/pbk 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.*

5.4.3 How to delete a number from the redial list

1. Press to access the redial list
2. Press cid/pbk to select an entry
3. Press and cid/pbk to select **Delete**
4. Press to confirm

- *A beep tone is emitted and the selected entry is deleted.*

5.4.4 How to delete the entire redial list

1. Press to access the redial list
2. Press and cid/pbk to select **Delete All**
3. Press to confirm
4. Press to reconfirm

- *A beep tone is emitted and the entire redial list is deleted.*

5.5 Clock & alarm

5.5.1 How to set the time

1. Press to access the main menu
2. Press cid/pbk 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

5.5.2 How to set an alarm

1. Press to access the main menu
2. Press cid/pbk to select **Clock & Alarm**
3. Press and cid/pbk to select **Alarm**
4. Press and cid/pbk 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 OFF to mute the alarm tone.

5.5.3 How to set the alarm tone

1. Press to access the main menu
2. Press cid/pbk to select **Clock & Alarm**
3. Press and cid/pbk to select **Alarm Tone**
4. Press and cid/pbk 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

5.5.4 How to set the date and time format

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

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5.6 Personal settings

5.6.1 Handset tone

5.6.1.1 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.

5.6.1.2 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

5.6.1.3 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

5.6.1.4 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

5.6.1.5 How to activate/deactivate the keypad lock

1. Press and hold
- *is displayed if keypad lock is activated.*
1. 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.

5.6.1.6 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

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5.6.2 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 ▲cid/▼pbk to select **Personal Set**
3. Press ⊏ and ▲cid/▼pbk to select **Wallpaper**
4. Press ⊏ and ▲cid/▼pbk to scroll to your desired wallpaper
5. Press ⊏ to save the settings

5.6.3 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 ▲cid/▼pbk to select **Personal Set**
3. Press ⊏ and ▲cid/▼pbk to select **Contrast**
4. Press ⊏ and ▲cid/▼pbk to scroll to your desired contrast level

Note

The contrast effect will display when browsing different contrast levels.

5. Press ⊏ to save the settings

5.6.4 How to set the color theme of your phone

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

1. Press ⊏ to access the main menu
2. Scroll ▲cid/▼pbk to select **Personal Set**
3. Press ⊏ to select **Color Theme**
4. Press ⊏ and ▲cid/▼pbk to scroll to your desired color theme

Note

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

5. Press ⊏ to save the settings

5.6.5 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 ▲cid/▼pbk to select **Personal Set**
3. Press ⊏ and ▲cid/▼pbk 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

5.6.6 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 ▲cid/▼pbk to select **Personal Set**
3. Press ⊏ and ▲cid/▼pbk to select **Auto Pick-up**
4. Press ⊏ and ▲cid/▼pbk to select **On** or **Off**
5. Press ⊏ to save the settings

5.6.7 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 ▲cid/▼pbk to select **Personal Set**
3. Press ⊏ and ▲cid/▼pbk to select **Auto Hang-up**
4. Press ⊏ and ▲cid/▼pbk to select **On** or **Off**
5. Press ⊏ to save the settings

5.6.8 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 ▲cid/▼pbk to select **Personal Set**
3. Press ⊏ and ▲cid/▼pbk to select **Language**
4. Press ⊏ and ▲cid/▼pbk to choose your desired language
5. Press ⊏ to save the settings

Note

Available languages for selection vary with different countries

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5.6.9 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.

5.6.10 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 .

5.7 Advanced settings

5.7.1 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

5.7.2 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

5.7.3 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.

5.7.3.1 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.

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5.7.3.2 How to modify call barring number

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

Note

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

5.7.4 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.

5.7.4.1 How to activate baby call mode

1. Press Menu to access the main menu
2. Press ▲cid/▼pbk to select **Advanced Set**
3. Press Menu and ▲cid/▼pbk to select **Baby Call**
4. Press Menu to select **Mode**
5. Press Menu and ▲cid/▼pbk to select **On**
6. Press Menu to save the settings

- *The message "***BabyCall On***" will display on the idle screen.*

5.7.4.2 How to deactivate baby call mode

1. Press and hold Menu (when Baby Call mode has been activated before).
2. Press ▲cid/▼pbk to select **Off**
3. Press Menu to save the settings

- *The message "***BabyCall On***" will disappear on the idle screen.*

5.7.4.3 How to change baby call number

1. Press Menu to access the main menu
2. Press ▲cid/▼pbk to select **Advanced Set**
3. Press Menu and ▲cid/▼pbk to select **Baby Call**
4. Press Menu and ▲cid/▼pbk to select **Number**
5. Press Menu to enter the number
6. Press Menu to save the settings

5.7.5 How to manually select a base station

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

1. Press Menu to access the main menu
2. Scroll ▲cid/▼pbk to select **Advanced Set**
3. Press Menu and ▲cid/▼pbk to select **Base Selection**
4. Press Menu and ▲cid/▼pbk to select your desired base station
5. Press Menu to confirm

5.7.6 How to register an additional handset

The procedures described below are the procedures that you will find in your handset. The procedures may very according to the handset you want to register. In this case, please refer to the manufacturer of the additional handset. Additional handsets must be registered to the base unit before you can use them. Up to 5 handsets can be registered to one base station. The Master PIN is required before you can register or unregister handsets.

1. Press Menu on the handset to access the main menu
2. Scroll ▲cid/▼pbk to select **Advanced Set**
3. Press Menu and ▲cid/▼pbk to select **Registration**
4. Press Menu and ▲cid/▼pbk to select your desired base station

Note

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

5. Press Menu and enter the 4-digit master PIN when prompted (default master PIN is 0000)
6. Press Page on the base station for more than three seconds until you hear a beep tone. Now the base station is ready to register the new handset.

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7 Press ☐ on the handset to validate the PIN code.
8 "**Waiting...**" is displayed on the screen
- *A beep tone is emitted from the handset to indicate successful registration and the screen returns to idle screen.*

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.

5.7.7 How to unregister a handset

1 Press ☐ to access the main menu
2 Press ▲cid/▼pbk to select **Advanced Set**
3 Press ☐ and ▲cid/▼pbk to select **Unregister**
4 Press ☐ to enter the 4-digit master PIN when prompted (default master PIN is 0000)
5 Press ☐ and ▲cid/▼pbk 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.

5.7.8 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 ▲cid/▼pbk to select **Advanced Set**
3 Press ☐ and ▲cid/▼pbk 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.

5.7.9 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 ▲cid/▼pbk to select **Advanced Set**
3 Press ☐ and ▲cid/▼pbk 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.*

5.7.10 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 dialed out.

1 Press ☐ to access the main menu
2 Press ▲cid/▼pbk to select **Advanced Set**
3 Press ☐ and ▲cid/▼pbk 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

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5.7.11 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 Menu to access the main menu
2. Press ▲cid/▼pbk to select **Advanced Set**
3. Press Menu and ▲cid/▼pbk to select **Country**
4. Press Menu and ▲cid/▼pbk to select your country
5. Press Menu 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.

5.7.12 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 Menu to access the main menu
2. Press ▲cid/▼pbk to select **Advanced Set**
3. Press Menu and ▲cid/▼pbk to select **Conference**
4. Press Menu to select **On** or **Off**
5. Press Menu to save the settings

5.8 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.

5.8.1 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.

5.8.1.1 How to activate voice mail

1. Press Menu to access the main menu
2. Press ▲cid/▼pbk to select **Net. Service**
3. Press Menu and ▲cid/▼pbk to select **Voice Mail**
4. Press Menu and ▲cid/▼pbk to select **Activate**
5. The number string for voice mail service is dialed.
6. When the number has been dialed, press Hook OFF to return to idle mode

5.8.1.2 How to set up voice mail number

1. Press Menu to access the main menu
2. Press ▲cid/▼pbk to select **Net. Service**
3. Press Menu and ▲cid/▼pbk to select **Voice Mail**
4. Press Menu and ▲cid/▼pbk to select **Settings**
5. Press Menu to enter the number
6. Press Menu to save the settings

Tip

When a voice mail number is set, press and hold 1 will dial out to the voice mail number directly.

5.8.2 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.

5.8.2.1 How to activate info

1. Press Menu to access the main menu
2. Press ▲cid/▼pbk to select **Net. Service**
3. Press Menu and ▲cid/▼pbk to select **Info**
4. Press Menu and ▲cid/▼pbk to select **Activate**
5. When the number has been dialed, press Hook OFF to return to idle mode

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5.8.2.2 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 2 will dial out to the info number directly.

5.9 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 2 / 4 / 6 / 8 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 2 / 4 / 6 / 8 to resume the game.

5.10 How to enter text and number

5.10.1 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 ì 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 7	once:	P
Press 3	twice:	E
Press 8	once:	T
Press 3	twice:	E
Press 7	three times:	R

5.10.2 Switching between lowercase and uppercase

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

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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	Description
on/off	Press to turn on/off the answering machine
play / stop	Press to play the message or stop the message playback
erase	Press to delete the current message Press and hold for two seconds to delete all the old messages in idle mode
repeat	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
skip	Press to skip the current message and play the next message
– +	Increase (+) or decrease (-) speaker volume during message playback
•))	Press to locate 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 on/off 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 ▲cid/pbk▼ to select **Answer Machine**
2 Press – and ▲cid/pbk▼ to select **Answer On/Off**
3 Press – and ▲cid/pbk▼ to select **On**
4 Press – to confirm

- *displays on the handset screen and number of messages displays on the base LED.*

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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 (on/off) to turn off the answering machine.

- *disappears on the handset screen and - - displays on the base LED.*

Through the handset:

1. Press ⌐ and ▲cid/▼pbk to select **Answer Machine**
2. Press ⌐ and ▲cid/▼pbk to select **Answer On/Off**
3. Press ⌐ and ▲cid/▼pbk 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 play/stop 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 ▲cid/▼pbk 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 ▲cid/▼pbk key
Stop playback	Press ¬ to stop current playback and return to **Play** menu, or press on/off to stop playback and return to idle.
Repeat	Press ⌐, press ▲cid/▼pbk to select **Repeat** and press ⌐.
Next message	Press ⌐, press ▲cid/▼pbk to select **Forward** and press ⌐.
Previous message	Press ⌐, press ▲cid/▼pbk to select **Previous** and press ⌐.
Delete the current message	Press ⌐, press ▲cid/▼pbk 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 ▲cid in idle mode, press ▲cid/▼pbk 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 ▲cid/▼pbk to select **Answer Machine**
3. Press ⌐ and ▲cid/▼pbk to select **Delete All**
4. Press ⌐ to confirm
5. Press ⌐ to reconfirm deletion of all your messages.

Note

Unread messages cannot be deleted.

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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 ▲cid/▼pbk to select **Answer Machine**
3. Press ⊐ and ▲cid/▼pbk 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 ▲cid/▼pbk to select **Answer Machine**
3. Press ⊐ and ▲cid/▼pbk to select **Ans. Settings**
4. Press ⊐ to select **Answer Mode**
5. Press ⊐ to select **Answer & Record** or **Answer Only**
6. Press ⊐ and ▲cid/▼pbk 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 ▲cid/▼pbk 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.

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6.6.1.1.2 Use the predefined outgoing message

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

Options available for Predefined Outgoing Messages	Description
Languages*	Press ⌐ and ▲cid/▼pbk 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 ▲cid/▼pbk to select **Answer Machine**
3. Press ⌐ and ▲cid/▼pbk to select **Ans. Settings**
4. Press ⌐ and ▲cid/▼pbk to select **Ring Delay**
5. Press ⌐ and ▲cid/▼pbk 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 ▲cid/▼pbk 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 dialing 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 ▲cid/▼pbk to select **Answer Machine**
3. Press ⌐ and ▲cid/▼pbk to select **Ans. Settings**
4. Press ⌐ and ▲cid/▼pbk 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 ▲cid/▼pbk to select **Answer Machine**
3. Press ⌐ and ▲cid/▼pbk to select **Ans. Settings**
4. Press ⌐ and ▲cid/▼pbk to select **Remote Acc.**
5. Press ⌐ and ▲cid/▼pbk to select **Activate** or **Deactivate**
6. Press ⌐ to save the settings

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

1. Press ⌐ to access the main menu
2. Press ▲ cid / pbk ▼ to select **Answer Machine**
3. Press ⌐ and ▲ cid / pbk ▼ to select **Ans. Settings**
4. Press ⌐ and ▲ cid / pbk ▼ 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 flash TALK and ▲ cid / pbk ▼ 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 00. You can press − + to turn the base volume level to 00 to turn off the call screening on base.

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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
Contrast level:	Level 3
Wallpaper:	Wallpaper 1
Color theme:	Color 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 & Record
Ring delay:	6 Rings
Message tone:	Off
Remote access:	Activate
Remote access PIN:	0000
Call screening:	On
Base speaker volume:	03

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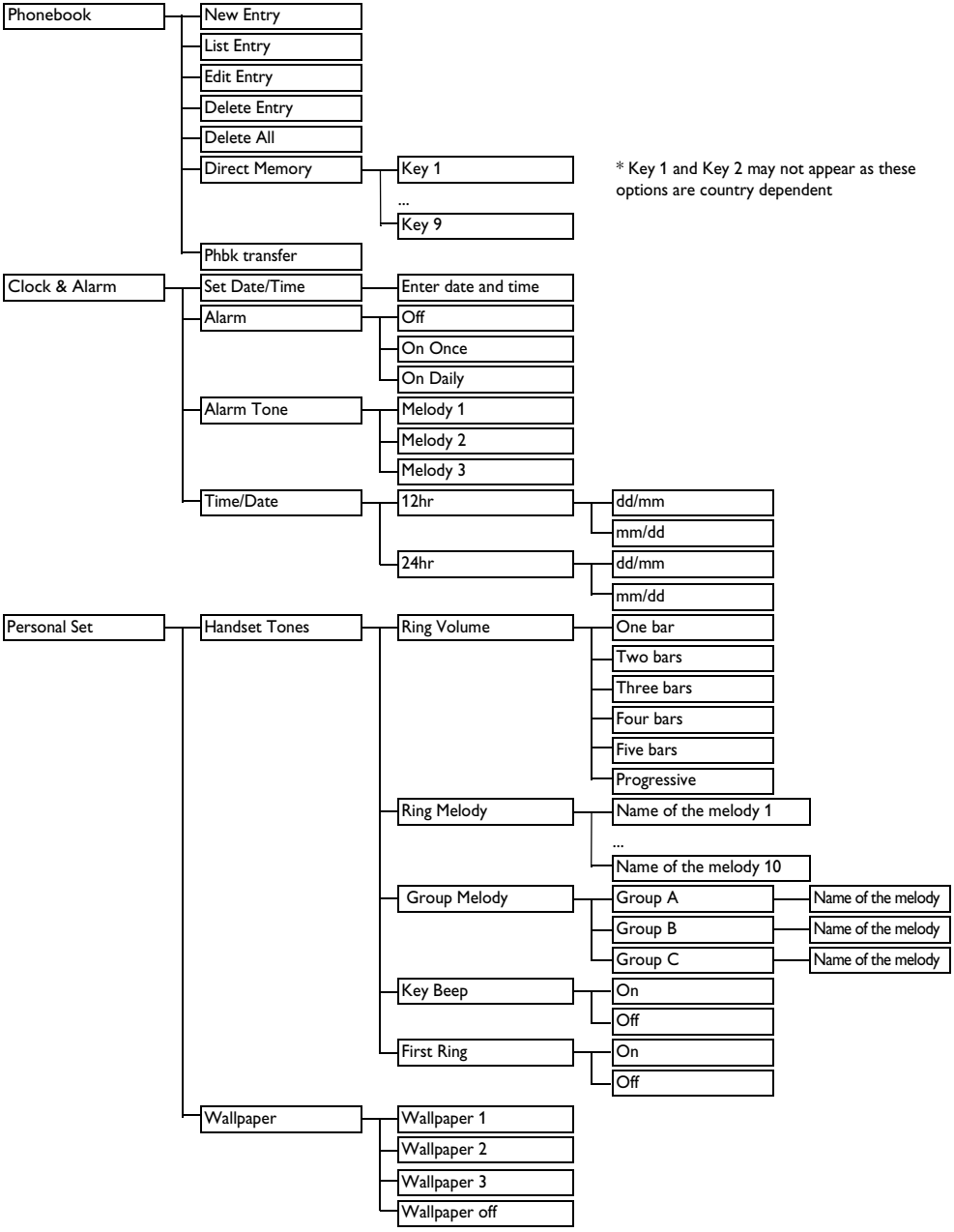
8 Menu structure

The table below describes the menu tree of your phone.



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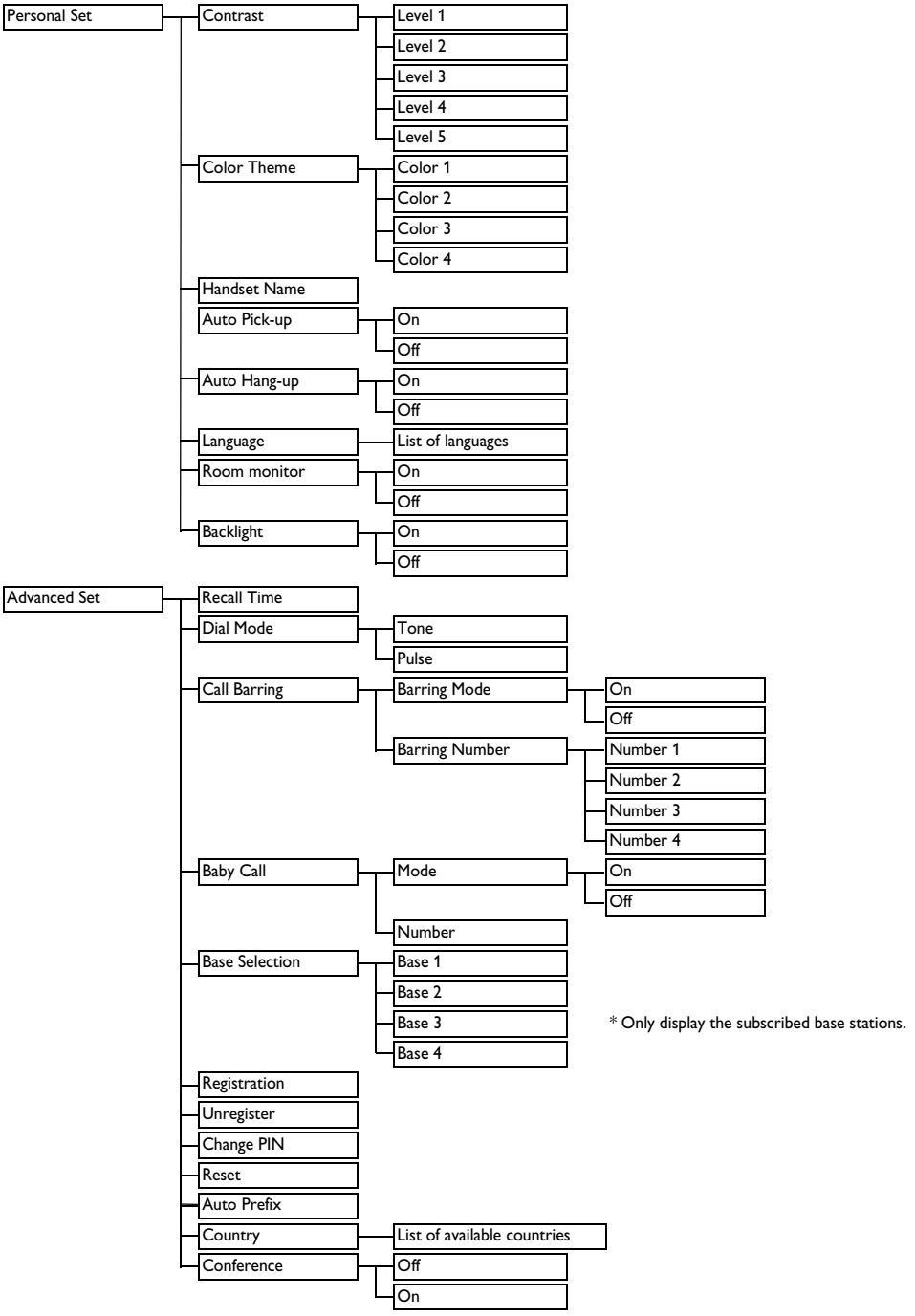

* Only display the subscribed base stations.

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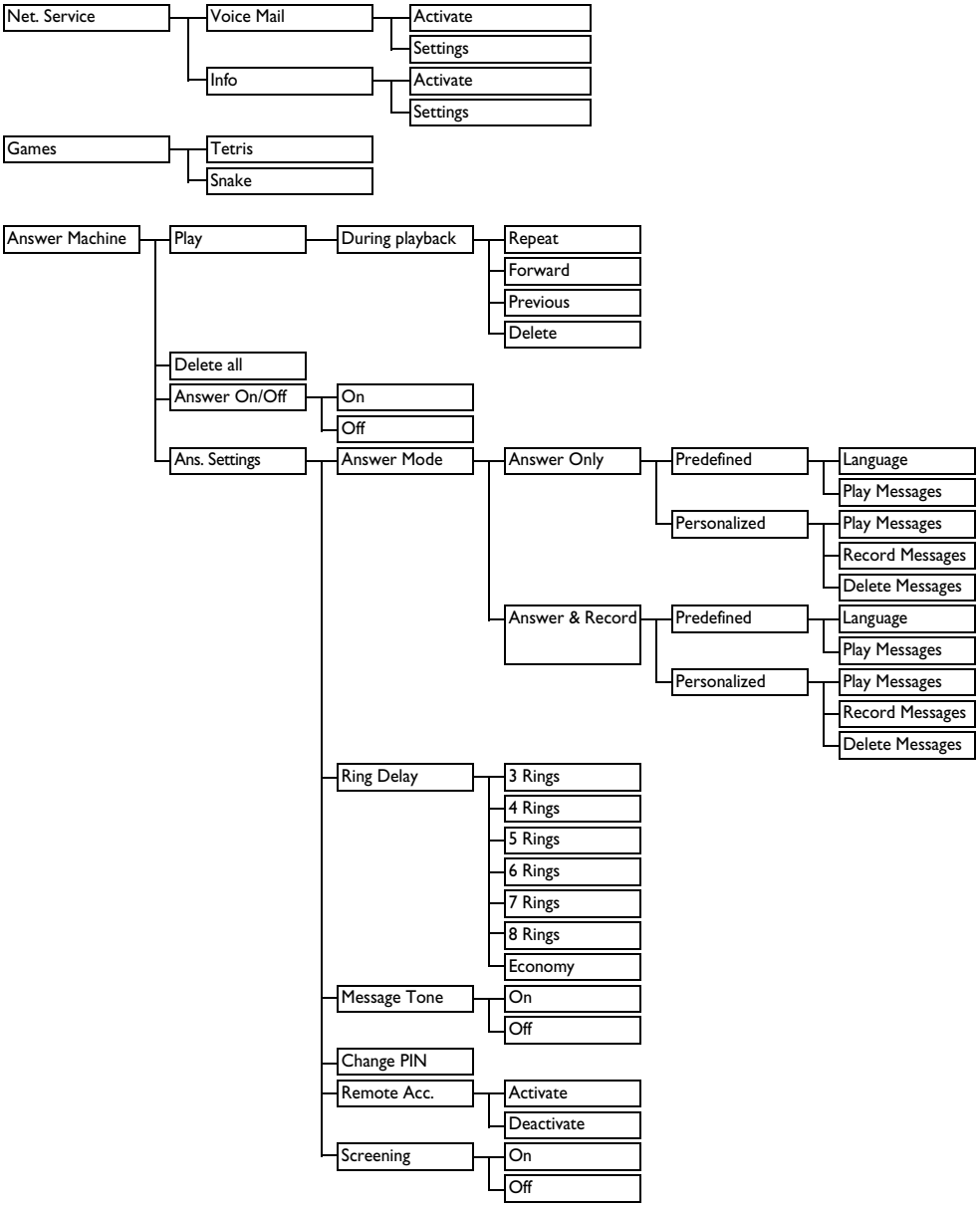

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9 Technical data

Display
- 5-Line Color 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 dialed
- 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

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10 Frequently asked questions

www.philips.com/support

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 meter away from any electrical appliances

No dialing 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

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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 behavior

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.

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12 FCC and IC statements

Equipment approval Information

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

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.

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.

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

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radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

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

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

If these measures do not eliminate the interference, please consult your dealer or an experienced radio / television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio/TV Interference Problems". This booklet is available from the U.S. Government Printing Office,Washington, D.C. 20402.

Please specify stock number 004-000-00345-4 when ordering copies.

Noise

Electrical pulse noise is present at one time or another. This is most intense during electrical storms. Certain kinds of electrical equipment, such as light dimmers, fluorescent bulbs, motors, fans, etc., also generate pulse noise. Because radio frequencies are susceptible to this, you may on occasion hear pulse noise through the receiver. This is usually only a minor annoyance and should not be interpreted as a defect of the unit.

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.

Hearing Aid Compatibility (HAC)

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

Privacy

Privacy of communications may not be ensured when using this telephone.

Additional Information

I.C. Notice

Terminal Equipment

NOTICE :This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications.

This is confirmed by the registration number. The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

NOTICE :The Ringer Equivalence Number (REN) for this terminal equipment is marked on the equipment itself. The REN assigned to each terminal equipment provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five.

Radio Equipment

The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met. Operation is subject to the following two conditions : (1) this

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device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
Do not attempt to repair or modify this equipment
Repairs to certified equipment should be made by an authorized maintenance facility designated by the supplier.

⚠ Warning

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Service Centers

USA and CANADA

Phone: 1-800-233-8413

Refer to the Do not Return addendum for the phone number and e-mail address support.

13 The RBRC® seal

The RBRC® Seal on the nickel metal hydride battery indicates that Philips Royal Electronics is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful lives, when taken out of service within the United States and Canada.
The RBRC® program provides a convenient alternative to placing used nickel metal hydride batteries into the trash or municipal waste, which may be illegal in your area.
Philips's participation in RBRC® makes it easy for you to drop off the spent battery at local retailers participating in the RBRC® program or at authorized Philips product service centers.
Please call 1-800-8-BATTERY for information on Ni-MH battery recycling and disposal bans/ restrictions in your area. Philips's involvement in this program is part of its commitment to protecting our environment and conserving natural resources.
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