

Register your product and get support at
www.philips.com/welcome

CD445



EN Digital Cordless Telephone



Warning

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

PHILIPS

Table of contents

1	Important	3	5	Use more of your phone	15
1.1	Safety information	3	5.1	Call in progress	15
1.2	Power requirements	3	5.1.1	Mute/Unmute microphone	15
1.3	Conformity	3	5.1.2	How to adjust earpiece volume	15
1.4	Recycling and disposal	3	5.1.3	How to switch on the loudspeaker	15
2	Your phone	5	5.2	Phonebook	15
2.1	What's in the box	5	5.2.1	How to store a number in the phonebook	16
2.2	Overview of the phone	6	5.2.2	How to access the phonebook	16
2.2.1	Handset	6	5.2.3	How to edit a phonebook entry	16
2.2.2	Display icons on the handset	8	5.2.4	How to delete a phonebook entry	16
2.2.3	Base station	9	5.2.5	How to delete all phonebook entries	16
3	Getting started	10	5.2.6	How to store direct access memory	16
3.1	Connect the base station	10	5.2.7	How to transfer the phonebook	17
3.2	Install rechargeable batteries	10	5.3	Call log	17
3.3	Place the handset on the charging cradle	10	5.3.1	How to access the call log	17
3.4	Configure your phone	11	5.3.2	How to save call log entry to phonebook	17
3.5	How to power off or on the handset power	11	5.3.3	How to delete the call log entry	18
4	Using your phone	11	5.3.4	How to delete the entire call log	18
4.1	Make a call	11	5.4	Redial list	18
4.1.1	Predialling	11	5.4.1	How to access the redial list	18
4.1.2	Direct dialing	11	5.4.2	How to save a redial list entry to phonebook	18
4.1.3	Call from the call log	11	5.4.3	How to delete a number from the redial list	18
4.1.4	Call from the phonebook	12	5.4.4	How to delete the entire redial list	18
4.1.5	Call from the redial list	12	5.5	Clock & alarm	18
4.1.6	Call timer	12	5.5.1	How to set the time	18
4.2	Answer a call	12	5.5.2	How to set an alarm	19
4.3	Answer a call in handsfree mode	12	5.5.3	How to set the alarm tone	19
4.4	End a call	12	5.5.4	How to set the date and time format	19
4.5	Recall	12	5.6	Personal settings	19
4.5.1	How to make a second call	13	5.6.1	Handset tone	19
4.5.2	How to answer a second call	13	5.6.2	How to adjust the contrast	20
4.6	How to use the intercom	13	5.6.3	How to rename the handset	20
4.6.1	How to make an internal call	13	5.6.4	How to set the auto pick-up	21
4.6.2	How to transfer an external call to another handset	13	5.6.5	How to set the auto hang-up	21
4.6.3	How to make a 3-way conference call	13	5.6.6	How to set the menu language	21
4.6.4	Caller Line Identification (CLI)	14	5.6.7	How to turn on/off the keypad and LCD backlight	21
4.6.5	Call waiting	14			
4.7	How to find a handset	14			
4.8	Using GAP standard compliance	14			
4.9	Electric, Magnetic and Electromagnetic Fields ("EMF")	14			

5.7	Advanced settings	21	9	Frequently asked questions	37
5.7.1	How to select recall time	21	10	Index	39
5.7.2	How to set the dial mode	21			
5.7.3	Call barring	22			
5.7.4	Baby call	22			
5.7.5	How to manually select a base station	23			
5.7.6	How to register an additional handset	23			
5.7.7	How to unregister a handset	23			
5.7.8	How to change the master PIN	23			
5.7.9	How to reset to default settings	24			
5.7.10	How to set the prefix number	24			
5.7.11	Country setting	24			
5.7.12	How to set conference mode on/off	24			
5.8	Network services	24			
5.8.1	Call forward	25			
5.8.2	Voice mail	25			
5.8.3	Information services from network operator	26			
5.8.4	Call back	26			
5.8.5	Cancel call back	26			
5.8.6	Withhold ID	26			
5.8.7	How to turn off the voice mail waiting icon	27			
5.9	How to enter text and number	27			
5.9.1	Entering text and digit	27			
5.9.2	Switching between lowercase and uppercase	27			
6	Answering machine	28			
6.1	Answering machine control keys on the base station	28			
6.2	How to turn on the answering machine	28			
6.3	How to turn off the answering machine	29			
6.4	How to listen to the new message(s) and the old message(s)	29			
6.5	How to delete all messages	29			
6.6	Answering machine settings	30			
6.6.1	How to set answering machine mode	30			
6.6.2	How to set ring delay	31			
6.6.3	How to set message tone	31			
6.6.4	Remote control access	31			
6.6.5	Call screening on handset	32			
6.6.6	Call screening on base	32			
7	Default settings	33			
8	Menu structure	34			

1 Important

Take time to read this user manual before you use your CD445. It contains important information and notes regarding your phone.

1.1 Safety information

This equipment is not designed to make emergency calls when the power fails. An alternative has to be made available to allow emergency calls.

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.

To avoid damage or malfunction:

- Do not allow the product to come into contact with liquid.
- Do not open it as you could be exposed to high voltages.
- Do not expose the phone to excessive heat caused by heating equipment or direct sunlight.
- Do not drop your phone or allow objects to fall on your phone.
- Do not use any cleaning agents containing alcohol, ammonia, benzene, or abrasives as these may harm the set.
- Active mobile phones in the vicinity may cause interference.
- Do not use the product in places where there are explosive hazards.
- Do not let small metal objects come into contact with the product. This can deteriorate audio quality and damage the product.

1.2 Power requirements

- This product requires an electrical supply of 220-240 volts AC. In case of power failure, the communication can be lost.
- The Electrical network is classified as hazardous. The only way to power down the charger is to unplug the power supply from the electrical outlet. Ensure that the electrical outlet is always easily accessible.

Warning

- Do not allow the charging contacts or the battery to come into contact with metal objects.
- Never use any other battery than the one delivered with the product or recommended by Philips: risk of explosion.
- Always use the cables provided with the product.
- Handsfree activation could suddenly increase the volume in the earpiece to a very high level: make sure the handset is not too close to your ear.

1.3 Conformity

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

1.4 Recycling and disposal

Disposal instructions for old products:

The WEEE directive (Waste Electrical and Electronic Equipment Directive; 2002/96/EC) has been put in place to ensure that products are recycled using best available treatment, recovery and recycling techniques to ensure human health and high environmental protection.

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

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



Use one of the following disposal options:

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

Disposal instructions for batteries:



Batteries should not be disposed of with general household waste.

Packaging information:

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



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



The labeled packaging material is recyclable.

2 Your phone

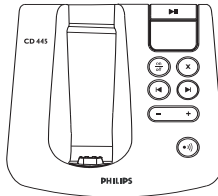
Congratulations on your purchase and welcome to Philips!

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

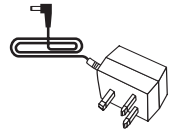
2.1 What's in the box



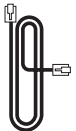
Telephone handset



Base station



Power supply unit



Line cord



2xAAA Rechargeable batteries



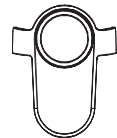
Quick start guide



User Manual



Warranty card



Belt clip
(Country dependent)

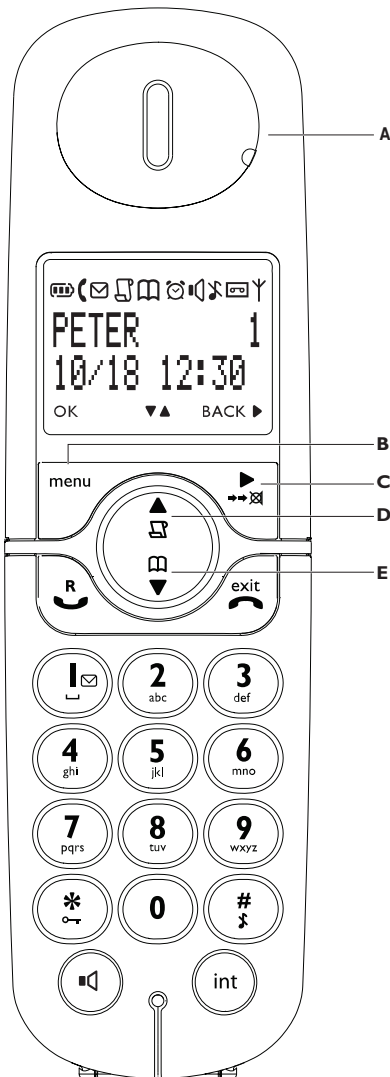
Note

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

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

2.2 Overview of the phone

2.2.1 Handset



A Event LED

OFF: No new events

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

B Menu/OK key

In idle mode: Press to enter the main menu

In menu mode: Select the function displayed on the handset screen directly above it

C Redial/Mute/Next key

In idle mode: Press to access the redial list

In idle mode: If voice mail waiting icon is on, long press to turn off the voice mail waiting icon.

In editing mode/predialling mode: Short press to delete one character/digit

In editing mode/predialling mode: Long press to delete all the characters/digits

During call connection: Press to mute the microphone

In menu mode: Press to go back to previous level

D Call log/Up key

In idle mode: Press to access call log

In menu mode: Press to scroll up the menu list

In phonebook/call log/redial reviewing mode: Press to scroll up to other entries

During call connection: Press to increase earpiece volume

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

E Phonebook/Down key

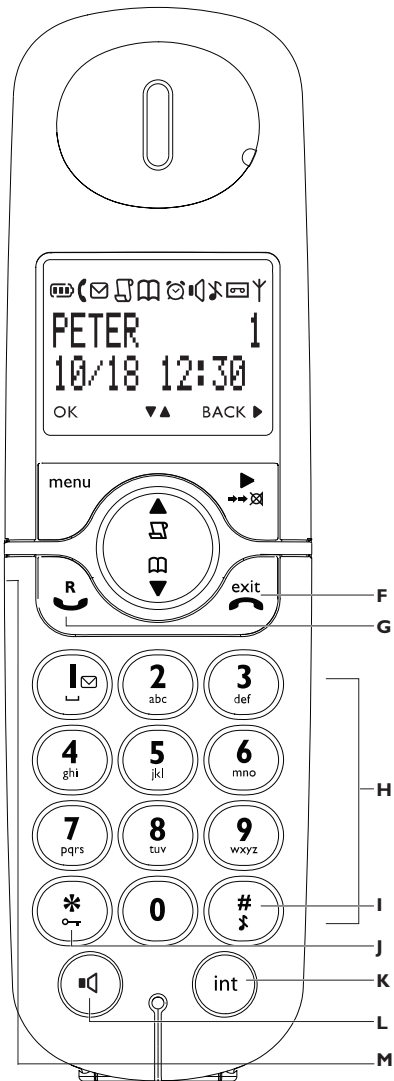
In idle mode: Press to access phonebook

In menu mode: Press to scroll down the menu list

In phonebook/call log/redial reviewing mode: Press to scroll down to other entries

During call connection: Press to decrease earpiece volume

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



F Talk off/Exit key

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

In idle mode: If voice mail waiting icon is on, long press to turn off the voice mail waiting icon.

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

During call connection: Press to hang up a call

G Talk on/R key

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

During call connection: Press to insert R for operator services

H Alphanumeric keypad

I Hash key

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

In idle mode: Long press to mute the ringer

In dialing mode: Long press to enter a pause

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

J Star key

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

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

K Call Transfer/Intercom/conference

In idle mode: Short press to initiate an intercom call

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

between an internal call and an external call

Long press to initiate a conference call with

an external call and another internal call















L Loudspeaker key

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

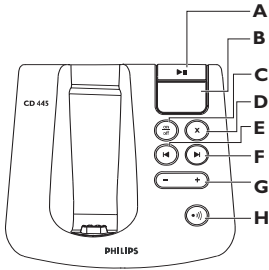
M Headset jack (Country dependent)

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

2.2.2 Display icons on the handset

	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 during ringing.
	Blink when new voice mail messages are received and not read yet
	This feature is available if you have subscribed the Caller Line Identification service (CLI) with your network provider. Display when browsing the call log. Blink when missed calls are received if you have subscribed to Caller Line Identification (CLI)
	Display when browsing the phonebook
	Display when the alarm clock is turned on
	Display when the loudspeaker is turned on
	Display when the ringer is turned off
	Display when the telephone answering machine (TAM) is turned on. Blink when new TAM messages are received.
	Display when the handset is registered and within the range of the base station. Blink when the handset is out of range or is searching for a base.

2.2.3 Base station



A Stop / Play key

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

Press to stop message playback

B LED Message counter

When the answering machine is off:

-- steady: Indicate that the answering machine is off

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)

RA 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

rR Steady: Blink when accessing line remote

C Answering machine ON/OFF key

Press to turn on or off the answering machine

D Delete key

Delete current message during message playback

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

Note

Unread message will not be deleted.

E Backward key

Press to go back to previous message 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

F Forward key

Skip to next message during message playback

G + / - key

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

H Page key

Press to page the handset

Press and hold for three seconds to start registration procedure

3 Getting started

3.1 Connect the base station

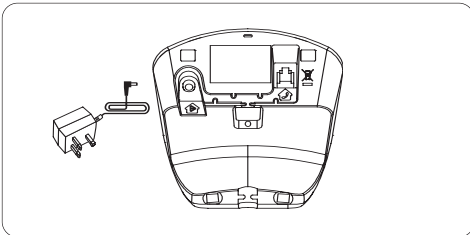
⚠ Caution

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

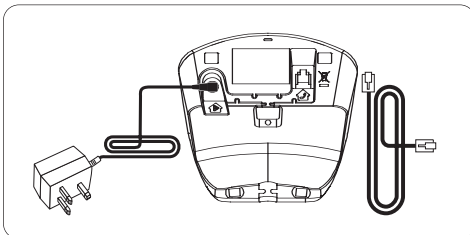
⚠ Warning

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

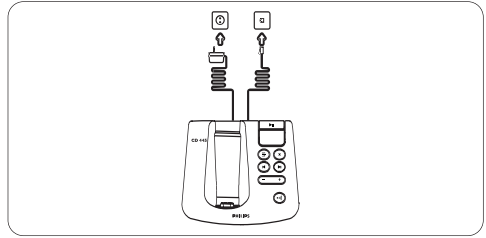
- 1 Insert the plug of the power cord into the socket under the base station.



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



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



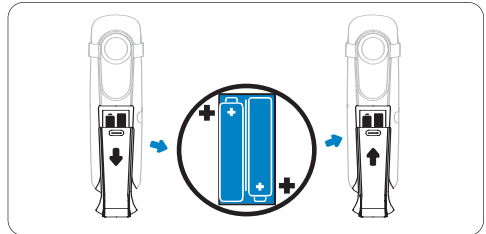
ⓘ Note

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

3.2 Install rechargeable batteries

Your CD445 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

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


- 1 Place the handset on the charging cradle of the base station.
- 2 Leave it there until the batteries are fully charged.

- 3 When the handset is fully charged,  is displayed.


3.4 Configure your phone




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

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

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

Note


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

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

Note



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

Tip

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

3.5 How to power off or on the handset power


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

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


4 Using your phone

4.1 Make a call

4.1.1 Predialling

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





4.1.2 Direct dialing

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

4.1.3 Call from the call log

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

In idle mode:

- 1 Press  to select **CALL LIST**
- 2 Press 
- 3 Press / to scroll to your desired unanswered call


Note

The screen can either display:

- the caller's number*
- the caller's name (if matched with the phonebook)*
- **UNAVAILABLE** if it is an unidentified call**
- Availability of time and date information depends on the service providers.

* Subject to a subscription of CLI with your operator

** Unlisted numbers, withheld caller identification.





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

Note





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

4.1.4 Call from the phonebook

In idle mode:





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

* Tip

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

4.1.5 Call from the redial list

In idle mode:

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


* Tip

The handset stores the last 10 numbers dialed. The last number dialed will appear first in the redial list. If the redial number matches a phonebook entry, the phonebook name will be displayed instead.

4.1.6 Call timer


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


4.2 Answer a call

When the phone rings, press .

- *The call is established.*

4.3 Answer a call in handsfree mode

When the phone rings, press .

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

⚠ Warning

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


ⓘ Note

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

* Tip

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

4.4 End a call

Press  during a call connection

- *The call ends.*

OR

Put the handset on to the base station




- *The call ends.*

4.5 Recall



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

4.5.1 How to make a second call

During a call:



- 1 Press  and  to select **INIT 2NDCALL**
- 2 Press  to dial your second call number
 - *The second call is initiated.*

Note



You can press  and  to select **SWITCH CALL** 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 CALL** or **CONFERENCE** to switch calls between the first and second calls or to make a conference call.

Note

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




4.6 How to use the intercom

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

4.6.1 How to make an internal call

In idle mode:

- 1 Press 
 - *The handsets available for intercom will be displayed*





- 2 Press  to select your desired handset
- 3 Press  on the calling handset
 - *Your desired handset rings.*
- 4 Press  on the called handset
 - *The intercom is established.*

Note


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


4.6.2 How to transfer an external call to another handset

During an external call:

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

Note



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



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

4.6.3 How to make a 3-way conference call


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


During an external call:

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



- 3 Press  to call your desired handset
 - Your desired handset rings.
- 4 Press  on the called handset to start intercom

Note

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

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

During the conference call:

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

Note

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

4.6.4 Caller Line Identification (CLI)


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






4.6.5 Call waiting

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

To answer the second call, press .

4.7 How to find a handset

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

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

4.8 Using GAP standard compliance

The GAP standard guarantees that all DECT™ GAP handsets and base stations comply with a minimum operating standard irrespective of their mark. Your CD440/445 handset and base station are GAP compliant, which means the minimum guaranteed functions are: register a handset, take the line, receive a call and dial. The advanced features may not be available if you use another handset than a CD440/445 with your base station.

To register and use your CD440/445 handsets with a GAP standard base station of a different make, first follow the procedure described in the manufacturer's instructions, then follow the procedure described in Section 5.7.6.

To register a handset of another make to the CD440/445 base station, place the base station into registration mode (Section 5.7.6), then follow the procedure in the manufacturer's instructions.

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

1. Philips Royal Electronics manufactures and sells many consumers oriented products, which usually, as with any electronic apparatus, have the ability to emit and receive electro magnetic signals.
2. One of Philips' leading Business Principles is to take all necessary health and safety precautions for our products, to comply with all applicable legal requirements and to stay well within the EMF standards applicable at the time of producing the products.

3. Philips is committed to develop, produce and market products that cause no adverse health effects.
4. Philips confirms that if its products are handled properly for their intended use, they are safe to use according to scientific evidence available today.
5. Philips plays an active role in the development of international EMF and safety standards, enabling Philips to anticipate further developments in standardization for early integration in its products.



5 Use more of your phone

5.1 Call in progress

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





5.1.1 Mute/Unmute microphone

During a call:

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

5.1.2 How to adjust earpiece volume

During a call:

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

5.1.3 How to switch on the loudspeaker

During a call:

- 1 Press  to activate loudspeaker mode

5.2 Phonebook

Your phone can store up to 100 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 to select **PHONEBOOK**
- 3 Press to select **NEW ENTRY**
- 4 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 to select **PHONEBOOK**
- 3 Press / to select **LIST ENTRY**
- 4 Press and / to scroll to your desired phonebook entry
- 5 Press to view the details of your desired phonebook entry

Tip

In idle mode, you can press to access your phonebook, press / to select your desired phonebook entry and press to 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 to select **PHONEBOOK**
- 3 Press / to scroll to **EDIT ENTRY**

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

5.2.4 How to delete a phonebook entry

In idle mode:

- 1 Press to access the main menu
- 2 Press to select **PHONEBOOK**
- 3 Press / 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 / 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 to). 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 section 5.8.2 and 5.8.3 for details.

In idle mode:

- 1 Press to access the main menu
 - 2 Press to select **PHONEBOOK**
 - 3 Press / to scroll to **DIRECT MEM.**
 - 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 / to scroll to **PHB 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 The called handset will prompt with a message **"TRANS. FROM"**
- 6 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 registered to the caller identification service (CLI) with your network operator.

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

⚠ Warning

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

5.3.1 How to access the call log

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

5.3.2 How to save call log entry to phonebook

In idle mode:

- 1 Press to access the call log
 - 2 Press to enter **CALL LIST**
 - 3 Press / to select an entry
 - 4 Press to select **COPY TO PHB**
 - 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 to access the call log
 - 2 Press to enter **CALL LIST**
 - 3 Press / to select an entry
 - 4 Press and / to select **DELETE**
 - 5 Press to confirm
- A beep tone is emitted and the selected call log entry is deleted.

5.3.4 How to delete the entire call log

In idle mode:

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

5.4 Redial list

Your phone can store the last 10 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 / to view other dialed numbers

Tip

If the redial number is more than 12 digits, press to review the other digits.

5.4.2 How to save a redial list entry to phonebook

In idle mode:

- 1 Press to access the redial list
- 2 Press / to select an entry

- 3 Press to select **COPY TO PHB**
 - 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 / to select an entry
 - 3 Press and / to select **DELETE**
 - 4 Press to confirm
- A beep tone is emitted and the selected entry is deleted.

5.4.4 How to delete the entire redial list

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

5.5 Clock & alarm

5.5.1 How to set the time

- 1 Press to access the main menu
- 2 Press / to select **CLOCK&ALARM**
- 3 Press to select **SET CLOCK**
- 4 Press and enter the current date (DD/MM/YY)
- 5 Press and enter the current time (HH:MM) in 24 hour format

Note

To change the date and time format, see Section 5.5.4.

- 6 Press to save the settings

5.5.2 How to set an alarm

- 1 Press to access the main menu
- 2 Press / to select **CLOCK&ALARM**
- 3 Press and / to select **ALARM**
- 4 Press and / to select **OFF, ON ONCE, or ON DAILY**

Note

If you have selected **ON ONCE**, or **ON DAILY**, enter the time for the alarm

- 5 Press to save the settings

Note

When the alarm is selected as **ON ONCE** or **ON DAILY**, will display on the screen. When the alarm is reached, the alarm tone will sound and **ALARM** will blink on the screen. You can press to mute the alarm tone.

5.5.3 How to set the alarm tone

- 1 Press to access the main menu
- 2 Press / to select **CLOCK&ALARM**
- 3 Press and / to select **ALARM TONE**
- 4 Press and / to choose your desired alarm tone from **MELODY 1** to **MELODY 10**

Note

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

- 5 Press to save the settings

5.5.4 How to set the date and time format

- 1 Press to access the main menu
- 2 Press / to select **CLOCK&ALARM**
- 3 Press and / to select **TIME/DATE**
- 4 Press and / to choose the time format display (**12HR** or **24HR**)
- 5 Press to confirm the time format display settings
- 6 Press / to choose the date format display (**DD/MM** or **MM/DD**)
- 7 Press to confirm the date format display settings

5.6 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 TONE**
- 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 TONE**
- 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 TONE**
- 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 TONE**
- 4 Press and / to select **KEY TONE**
- 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
- **KEYS LOCKED** is displayed if keypad lock is activated.
- 2 Press and hold again to deactivate the keypad lock
- **KEYS LOCKED** 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

Depending on your country, the First Ring menu may not appear in your phone. 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 TONE**
- 4 Press and / to select **FIRST RING**
- 5 Press and / to select **ON** or **OFF**
- 6 Press to save the settings

5.6.2 How to adjust the contrast

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

- 1 Press to access the main menu
- 2 Press / to select **PERSONAL SET**
- 3 Press and / to select **CONTRAST**
- 4 Press and / to scroll to your desired contrast level

Note

The contrast effect will display when browsing different contrast levels.

- 5 Press to save the settings

5.6.3 How to rename the handset

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

- 1 Press to access the main menu
- 2 Press / to select **PERSONAL SET**
- 3 Press and / to select **HANDSET NAME**
- 4 Press to enter the handset name











Note

The maximum length of the handset name is 10 characters.

- 5 Press to save the settings











5.6.4 How to set the auto pick-up

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

- 1 Press  to access the main menu
- 2 Press / to select **PERSONAL SET**
- 3 Press  and / to select **AUTO PICK-UP**
- 4 Press  and / to select **ON** or **OFF**
- 5 Press  to save the settings











5.6.5 How to set the auto hang-up

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

- 1 Press  to access the main menu
- 2 Press / to select **PERSONAL SET**
- 3 Press  and / to select **AUTO HANG-UP**
- 4 Press  and / to select **ON** or **OFF**
- 5 Press  to save the settings

5.6.6 How to set the menu language











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

- 1 Press  to access the main menu
- 2 Press / to select **PERSONAL SET**
- 3 Press  and / to select **LANGUAGE**
- 4 Press  and / to choose your desired language
- 5 Press  to save the settings

Note


Available languages for selection vary with different countries






5.6.7 How to turn on/off the keypad and LCD 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

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 CD445 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 dialling 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 **BARR MODE**
- 6 Press  to select **ON** or **OFF**
- 7 Press  to save the settings

Note

If barring mode is set to ON, **CALL BARR ON** will display on idle screen.

5.7.3.2 How to modify call barring number

- 1 Press  to access the main menu
- 2 Press  to select **ADVANCED SET**
- 3 Press  and  to select **CALL BARRING**
- 4 Press  to enter the 4-digit master PIN when prompted (default master PIN is 0000)
- 5 Press  and  to select **BARR NUMBER**
- 6 Press  to choose a number (**NUMBER 1, NUMBER 2, NUMBER 3, NUMBER 4**)
- 7 Press  to enter the number
- 8 Press  to save the settings

Note

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









5.7.4 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  to access the main menu
 - 2 Press  to select **ADVANCED SET**
 - 3 Press  and  to select **BABY CALL**
 - 4 Press  to select **BABY MODE**
 - 5 Press  and  to select **ON**
 - 6 Press  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  (when Baby Call mode has been activated before).
 - 2 Press  to select **OFF**
 - 3 Press  to save the settings
- The message **"BABYCALL ON"** will disappear on the idle screen.
-

5.7.4.3 How to change baby call number

- 1 Press  to access the main menu
- 2 Press  to select **ADVANCED SET**
- 3 Press  and  to select **BABY CALL**
- 4 Press  and  to select **BABYCALL NR.**
- 5 Press  to enter the number
- 6 Press  to save the settings

5.7.5 How to manually select a base station

One CD445 handset can register up to four different CD445 base stations.

- 1 Press to access the main menu
- 2 Scroll to select **ADVANCED SET**
- 3 Press and to select **BASE SELECT**
- 4 Press and to select your desired base station
- 5 Press 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 vary 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 five handsets can be registered to one base station.

The Master PIN is required before you can register or unregister handsets.

- 1 Press to access the main menu on the handset
- 2 Scroll to select **ADVANCED SET**
- 3 Press and to select **REGISTRATION**
- 4 Press and to select your desired base station

Note

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

- 5 Press and enter the 4-digit master PIN when prompted (default master PIN is 0000)
- 6 Press 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.
- 7 Press on the handset to validate the PIN code.
- 8 **W A I T I N G** – is displayed on the screen

- A *beep tone* is emitted from the handset to indicate successful registration and the screen returns to idle mode.

Note

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

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

If no base is found within a certain period, **NO BASE** 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 to select **ADVANCED SET**
- 3 Press and to select **UNREGISTER**
- 4 Press to enter the 4-digit master PIN when prompted (default master PIN is 0000)
- 5 Press and to select your desired handset
- 6 Press to confirm

- A *beep tone* is emitted from the handset to indicate the handset unregistration is successful and the screen shows **UNREGISTERED** and back to idle screen.





Note

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

5.7.8 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 to select **ADVANCED SET**
- 3 Press and to select **CHANGE PIN**










- 4 Press  to enter the 4-digit master PIN when prompted
- 5 Press  to enter the new 4-digit PIN
- 6 Press  to enter the new 4-digit PIN again for reconfirmation
- 7 Press  to save the settings

Note

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

5.7.9 How to reset to default settings








You can reset your phone to the default settings (see Section 7). After a reset, all your personal settings and call log entries will be deleted, but your phonebook remains unchanged.

- 1 Press  to access the main menu
- 2 Press   to select **ADVANCED SET**
- 3 Press  and   to select **RESET**
- 4 Press  to enter the 4-digit master PIN when prompted (default master PIN is 0000)
- 5 Press  confirm
- 6 Press  to reconfirm

- A beep tone is emitted and the screen returns to welcome screen. Your phone is reset to its default settings.
- Some of the countries may not have welcome screen and your phone will return to idle screen after reset.

5.7.10 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 dialled out.

- 1 Press  to access the main menu
- 2 Press   to select **ADVANCED SET**
- 3 Press  and   to select **AUTO PREFIX**
- 4 Press  to enter the detect digits

- The last stored detect digits are displayed.

Note

The maximum length of detect digits is 5 digits.

- 5 Press  to enter the auto prefix number
 - The last stored auto prefix number is displayed.

Note











The maximum length of auto prefix number is 10 digits.

- 6 Press  to save the settings

5.7.11 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  to access the main menu
- 2 Press   to select **ADVANCED SET**
- 3 Press  and   to select **COUNTRY**
- 4 Press  and   to select your country
- 5 Press  to confirm your selection

Note

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

5.7.12 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  to access the main menu
- 2 Press   to select **ADVANCED SET**
- 3 Press  and   to select **CONFER. MODE**
- 4 Press  to select **ON** or **OFF**
- 5 Press  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 Call forward

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

5.8.1.1 How to activate call forwarding

- 1 Press to access the main menu
- 2 Press / to select **NET. SERVICE**
- 3 Press and / to select the type of call forwarding option (**CALL FORWARD** / **CALLFW BUSY** / **CALLFW UNANS**)
- 4 Press and / to select **ACTIVATE**
- 5 The number string for that selected service would be dialled.
- 6 When the number has been dialled, press key to return to idle mode.

Note

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

5.8.1.2 How to deactivate call forwarding

- 1 Press to access the main menu
- 2 Press / to select **NET. SERVICE**
- 3 Press and / to select the type of call forwarding option (**CALL FORWARD** / **CALLFW BUSY** / **CALLFW UNANS**)
- 4 Press and / to select **DEACTIVATE**
- 5 The number string for that selected service is dialled.
- 6 When the number has been dialled, press to return to idle mode.

5.8.1.3 How to set the call forward number

- 1 Press to access the main menu
- 2 Press / to select **NET. SERVICE**

- 3 Press and / to select the type of call forwarding option (**CALL FORWARD** / **CALLFW BUSY** / **CALLFW UNANS**)
- 4 Press and / to select **SETTINGS**
- 5 Press to enter the number
- 6 Press to save the settings

5.8.2 Voice mail

Depending of your country, the voice mail feature may not be available. This feature allows the caller to leave a voice message when you are unable to take a call yourself.

The availability of this feature is dependent on your country and your subscription with your network provider.

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

Note

In idle mode: If voice mail waiting icon is on, long press to turn off the voice mail waiting icon.

5.8.2.1 How to activate voice mail


- 1 Press to access the main menu
- 2 Press / to select **NET. SERVICE**
- 3 Press and / to select **VOICE MAIL**
- 4 Press and / to select **ACTIVATE**
- 5 The number string for voice mail service is dialled.
- 6 When the number has been dialled, press to return to idle mode

5.8.2.2 How to set up voice mail number

Depending of your country, the voice mail feature may not be available.

- 1 Press to access the main menu
- 2 Press / to select **NET. SERVICE**
- 3 Press and / to select **VOICE MAIL**
- 4 Press and / to select **SETTINGS**
- 5 Press to enter the number
- 6 Press to save the settings

* Tip

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








5.8.3 Information services from network operator

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.


5.8.3.1 How to activate info

- 1 Press  to access the main menu
- 2 Press  to select **NET. SERVICE**
- 3 Press  and  to select **INFO**
- 4 Press  and  to select **ACTIVATE**
- 5 When the number has been dialled, press  to return to idle mode

5.8.3.2 How to set up info number





- 1 Press  to access the main menu
- 2 Scroll  to select **NET. SERVICE**
- 3 Press  and  to select **INFO**
- 4 Press  and  to select **SETTINGS**
- 5 Press  to enter the number
- 6 Press  to save the settings

* Tip


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

5.8.4 Call back









5.8.4.1 How to activate call back

- 1 Press  to access the main menu
- 2 Press  to select **NET. SERVICE**
- 3 Press  and  to select **CALL BACK**

- 4 Press  and  to select **ACTIVATE**








- 5 When the number has been dialled, press  to return to idle mode

5.8.4.2 How to set up call back number









- 1 Press  to access the main menu
- 2 Press  to select **NET. SERVICE**
- 3 Press  and  to select **CALL BACK**
- 4 Press  and  to select **SETTINGS**
- 5 Press  to enter the number
- 6 Press  to save the settings

5.8.5 Cancel call back

5.8.5.1 How to activate cancel call back



- 1 Press  to access the main menu
- 2 Press  to select **NET. SERVICE**
- 3 Press  and  to select **NO CALLBK**
- 4 Press  and  to select **ACTIVATE**
- 5 When the number has been dialled, press  to return to idle mode

5.8.5.2 How to set up cancel call back number

- 1 Press  to access the main menu
- 2 Scroll  to select **NET. SERVICE**
- 3 Press  and  to select **NO CALLBK**
- 4 Press  and  to select **SETTINGS**
- 5 Press  to enter the number
- 6 Press  to save the settings

5.8.6 Withhold ID

5.8.6.1 How to activate withhold ID

- 1 Press  to access the main menu
- 2 Press  to select **NET. SERVICE**

- 3 Press and / to select **WITHHOLD ID**
- 4 Press and / to select **ACTIVATE**
- 5 When the number has been dialled, press to return to idle mode

5.8.6.2 How to set up withhold ID number

- 1 Press to access the main menu
- 2 Press / to select **NET. SERVICE**
- 3 Press and / to select **WITHHOLD ID**
- 4 Press and / to select **SETTINGS**
- 5 Press to enter the number
- 6 Press to save the settings

5.8.7 How to turn off the voice mail waiting icon

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

If you have subscribed to the voicemail service from your local service provider, icon turns on when you have a new message in your mailbox. After you have accessed to all the new messages, icon will turn off automatically. If you find that the message waiting indication cannot be turned off by the network, you can still turn off the message waiting indication with your phone by the following step:

In idle mode, if voice mail waiting icon is on, long press to turn off the voice mail waiting icon.

Once you choose to delete the message waiting indication, all the other handsets registered to the same base station will turn off the message waiting indication accordingly.

5.9 How to enter text and number

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

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

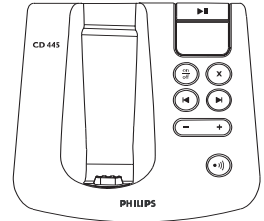
- Press once: P
 Press twice: E
 Press once: T
 Press twice: E
 Press three times: R

5.9.2 Switching between lowercase and uppercase

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

6 Answering machine

Your CD445 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 15 minutes.



6.1 Answering machine control keys on the base station

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

6.2 How to turn on the answering machine

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

Through the base:

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

Through the handset:

- 1 Press and to select **ANS.**
MACHINE
 - 2 Press and to select **ANS. ON/OFF**
 - 3 Press and to select **ON**
 - 4 Press to confirm
- displays on the handset screen and number of messages displays on the base LED.

6.3 How to turn off the answering machine

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

Through the base:

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

Through the handset:

- 1 Press and to select **ANS. MACHINE**
 - 2 Press and to select **ANS. ON/OFF**
 - 3 Press and to select **OFF**
 - 4 Press to confirm
- disappears on the handset screen and -- displays on the base LED.

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

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

Listen to new messages through the base:

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

Note

5 levels of loudspeaker volume are available.

Listen to new messages through the handset:

- 1 Press and to select **ANS. 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 MESSAGE** will display on the handset screen and return to previous screen.

Available functions during message playback:

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

Tip

You can also playback messages by pressing in idle mode, press to **ANS. MACHINE**, press , press again to play messages.

6.5 How to delete all messages

- 1 Press to access the main menu
- 2 Press to select **ANS. MACHINE**

- 3 Press and / to select **DELETE ALL**
- 4 Press to confirm
- 5 Press to reconfirm deletion of all your messages.

Note

Unread messages cannot be deleted.

6.6 Answering machine settings

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

6.6.1 How to set answering machine mode

By default the answer machine is set in **ANSWER & REC** 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).

will display when answer only mode is selected.

- 1 Press to access the main menu
- 2 Press / to select **ANS. MACHINE**
- 3 Press and / to select **SETTINGS**
- 4 Press to select **ANSWER MODE**
- 5 Press to select **ANSWER & REC** or **ANSWER ONLY**
- 6 Press to save the settings

Note

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

6.6.1.1 How to set outgoing message

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

- 1 Press to access the main menu
- 2 Press / to select **ANS. MACHINE**

- 3 Press and / to select **SETTINGS**
- 4 Press to select **ANSWER MODE**
- 5 Press to select **ANSWER & REC** or **ANSWER ONLY**
- 6 Press and / to set your outgoing message as **PREDEFINED** or **PERSONALIZED**
- 7 Press to confirm

Note

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

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

6.6.1.1.1 Personalize your outgoing messages

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



Options available for Personalized Outgoing Messages	Description
PLAY MESSAGE*	Press to playback existing outgoing messages (if any)
RECORD MESS.*	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 MESS.	Press to delete the outgoing message





Note

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

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

6.6.1.1.2 Use the predefined outgoing message

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














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

Note

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

6.6.2 How to set ring delay

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

- 1 Press  to access the main menu
- 2 Press   to select **ANS. MACHINE**
- 3 Press  and   to select **SETTINGS**
- 4 Press  and   to select **RING DELAY**
- 5 Press  and   to select the number of rings from 3 rings to 8 rings or **ECONOMY**
- 6 Press  to save the settings








Note

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

incurring call charges, you can hang up the call after the fourth ring.

6.6.3 How to set message tone

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














- 1 Press  to access the main menu
- 2 Press   to select **ANS. MACHINE**
- 3 Press  to select **SETTINGS**
- 4 Press  to select **MESSAGE TONE**
- 5 Press  to select **ON** or **OFF**
- 6 Press  to save the settings

6.6.4 Remote control access




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

6.6.4.1 How to change remote access PIN

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

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

6.6.4.2 How to activate/deactivate remote access

- 1 Press  to access the main menu
- 2 Press   to select **ANS. MACHINE**

- 3 Press and / to select **SETTINGS**
- 4 Press and / to select **REMOTE ACC.**
- 5 Press and / to select **ACTIVATE** or **DEACTIVATE**
- 6 Press to save the settings

6.6.4.3 How to remotely access your answering machine

- 1 Place a call from your external phone to your CD445
- 2 When the answering machine answers the call and starts playing the outgoing message, press to enter #
- 3 Enter the 4-digit remote access PIN

Note

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

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

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

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

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

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

Note

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

6.6.5 Call screening on handset

If Call screening is set to **ON**, when there is an incoming message, you can press to start call screening. If you decide to pick up the call, press . Once the call has been picked up, the recording will stop automatically.

- 1 Press to access the main menu

- 2 Press / to select **ANS. MACHINE**

- 3 Press and / to select **SETTINGS**

- 4 Press and / to select **SCREENING**

- 5 Press to select **ON** or **OFF**

- 6 Press to save the settings

Note

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

6.6.6 Call screening on base

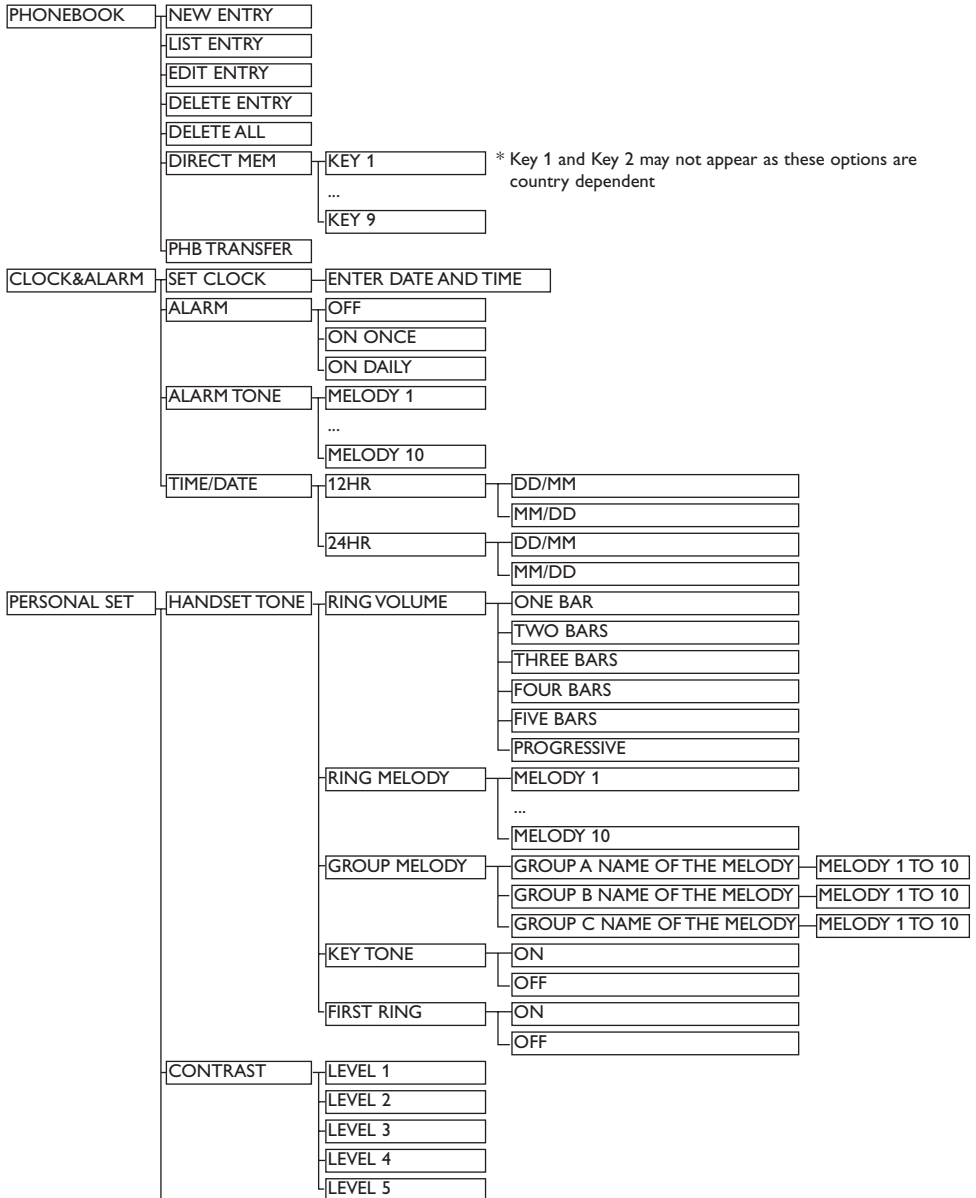
When the answering machine picks up the call, call screening on base will be turned on if the volume level is not at . You can press to turn the base volume level to to turn off the call screening on base.

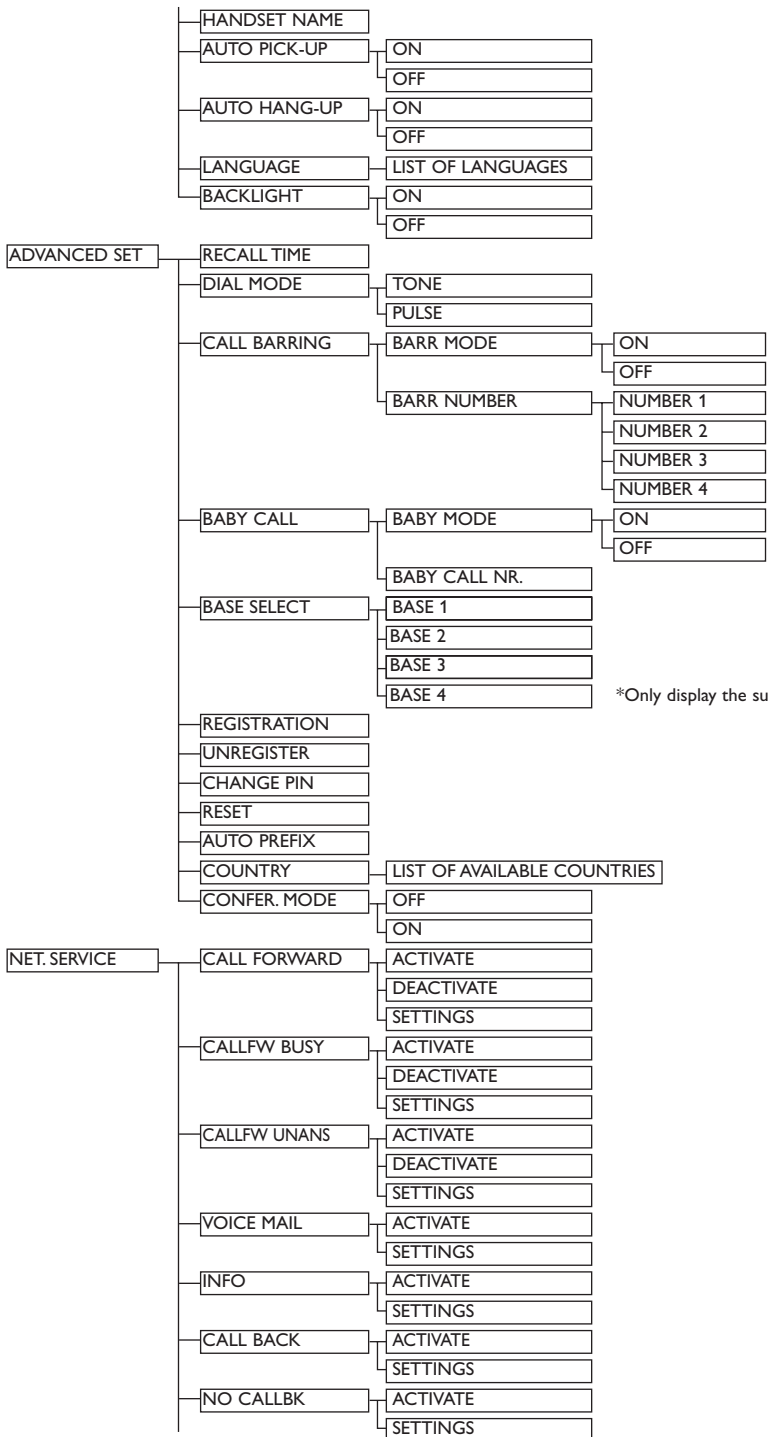
7 Default settings

Items	Default values
Handset name:	PHILIPS
Date:	--:--
Time:	--:--
Earpiece volume:	Level 3
Ring melody:	MELODY 1
Ring volume:	Level 3
Alarm:	OFF
Alarm ringer melody:	MELODY 1
Key tone:	ON
Contrast:	Level 3
Auto pick-up:	OFF
Auto hang-up:	ON
First ring:	Country dependent
Language:	Country dependent
Backlight	ON
Recall time:	Country dependent
Barring mode:	OFF
Dial mode:	TONE
Baby call mode:	OFF
Master PIN:	0000
Conference mode:	OFF
Answer Machine:	ON
Answer mode:	ANSWER & REC
Ring delay:	6 RINGS
Message tone:	OFF
Remote access:	ACTIVATE
Remote access PIN:	0000
Call screening:	ON
Base speaker volume:	03

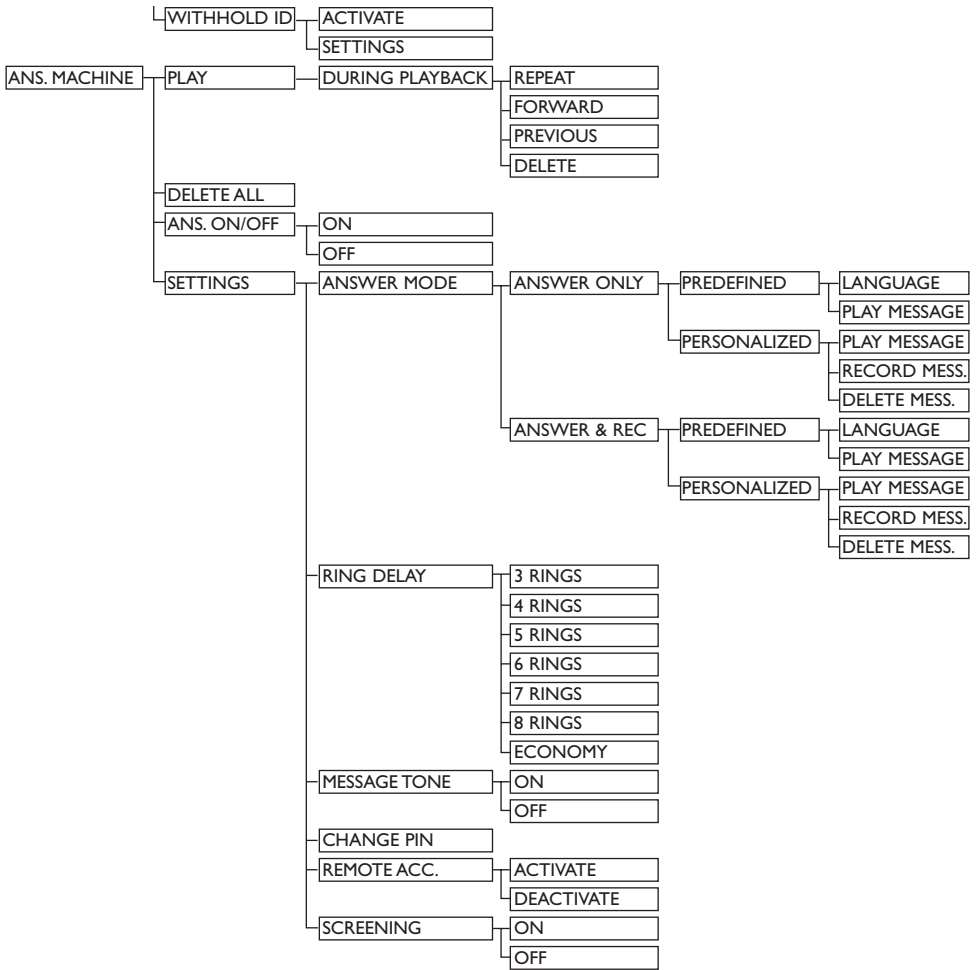
8 Menu structure

The table below describes the menu tree of your phone.





*Only display the subscribed base stations.



9 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 metre away from any electrical appliances

No dialling tone

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

The is blinking.

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

The appears soon after the batteries are charged.

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

Set-up

Caller ID does not work properly.

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

The Call Waiting call cannot be answered.

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

The handset LCD displays nothing.

- Try again by disconnecting and connecting the base station power supply and follow the procedure to register a handset (see Section 5.7.6)
- Make sure the two supplied rechargeable batteries have been inserted properly into the battery compartment
- Remove and place back the handset batteries
- Make sure the supplied batteries are charged up

The handset displays **UNREGISTERED**


- Follow the procedures to register the handset to a base

Sound

Handset does not ring!

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

Caller does not hear me!

- Microphone may be muted: During a call, press .

Noise interference on your radio or television

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

- 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.

Product behaviour


Caller Line Identification (CLI) service does not work

- Check your subscription with your network operator

A phonebook entry cannot be stored

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

The handset is unable to register

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

Answering Machine

The answering machine does not record calls.

- Make sure the answering machine is connected to the power adaptor, and the power adaptor is plugged into mains supply which is switched on.
- Check if the answer machine is off, or Answer only mode is selected.

10 Index

A

Accessories 4
Advanced Set 21, 22, 23, 24, 35
Alarm 8, 18, 19, 33, 34
Alarm tone 19, 34
Answer a call 12, 21
Answer a call in handsfree mode 12
Answering Machine 8, 9, 21, 28, 29, 30, 31, 32, 38
Auto hang-up 21, 33, 35
Auto pick-up 21, 33, 35
Auto prefix 24, 35

B

Baby call 22, 33, 35
Backlight 21, 33, 35
Base station 5, 8, 9, 10, 17, 21, 23, 24, 28, 29, 37, 38
Battery level 8, 37

C

Call 11
Call back 26, 35
Call barring 22, 23, 35
Call forward 25, 35
Call from the call log 11
Call from the phonebook 12
Call from the redial list 12
Call log 6, 8, 17, 18, 24
Call screening 32, 33
Call timer 12
Call transfer 7
Call waiting 14, 37
Caller Line Identification 8, 14, 19, 38
Clock & Alarm 18, 34
Conference call 7, 13, 14, 24
Conference mode 24, 33
Configure your phone 11
Conformity 3
Contrast 20, 33, 34
Country setting 24

D

Date and time format 19
Default settings 11, 24, 33
Delete a number from the redial list 18
Delete a phonebook entry 16
Delete all phonebook entries 16
Delete current message 9
Delete the call log entry 18
Delete the entire call log 18
Delete the entire redial list 18
Dial mode 21, 33, 35
Direct access memory 16, 17
Direct dialing 11
Direct dialling 16, 17

E

Earpiece volume 6, 15, 33
Edit a phonebook entry 16
Electric, Magnetic and Electromagnetic Fields ("EMF") 14
End a call 12, 21
Enter text and number 27
Event LED 6

F

First ring 20, 33, 34
Frequently asked questions 37

G

Group melody 19, 20, 34

H

Handset name 20, 33, 35
Handset power off/on 11
Handset tone 19, 20, 34
Handsfree 3
Headset jack (Country dependent) 7

I

Icon 8
Idle mode 6, 7, 13, 16, 17, 18, 20, 22, 23, 25, 26, 27, 28, 29
Install rechargeable batteries 10
Intercom 7, 13, 14

K

Key tone 20, 33, 34
Keypad lock 7, 20

L

Language 21, 31, 33, 35, 36
LED message counter 9, 28
Line cord 5, 10, 37
Loudspeaker 7, 8, 15, 29

M

Make a call 11, 12
Master PIN 22, 23, 24, 33
Menu structure 34
Mute 6, 7, 15, 19

N

Network services 24

O

Outgoing message 9, 21, 30, 31, 32

P

Page 9, 28
Pause 7
Personal Set 19, 20, 21, 34
Personalized outgoing message 30
Phonebook 6, 8, 15, 16, 17, 18, 19, 20, 24, 27, 34, 38
Play message 30, 31, 36
Power requirements 3
Predefined outgoing message 31
Predialling 6, 11
Pulse 21, 35

Q

Quick start guide 5

R

Recall 12
Recall time 21, 33, 35
Recycling and disposal 3
Redial 6, 18
Registration 9, 23, 28, 35
Remote access 31, 32, 33
Reset 11, 24, 35, 37
Ring melody 19, 33, 34
Ring volume 19, 33, 34

Ringer 7, 8, 19, 33, 38

S

Safety information 3
Save a redial list entry 18
Stop message playback 9, 32
Store a number in the phonebook 16
Switch call 7, 13

T

Text 27
Tone 10, 13, 14, 31, 32, 33, 37, 38
Transfer the phonebook 17
Turn off voice mail waiting icon 27

U

Unmute 15
Unregister 23, 35

V

Voice mail 16, 17, 25, 26, 35

W

Withhold ID 26, 27, 36



© 2007 Koninklijke Philips Electronics N.V.

All rights reserved.

Reproduction in whole or in part is prohibited without
the written consent of the copyright owner.

Document number : 3111 285 34155



Printed in China