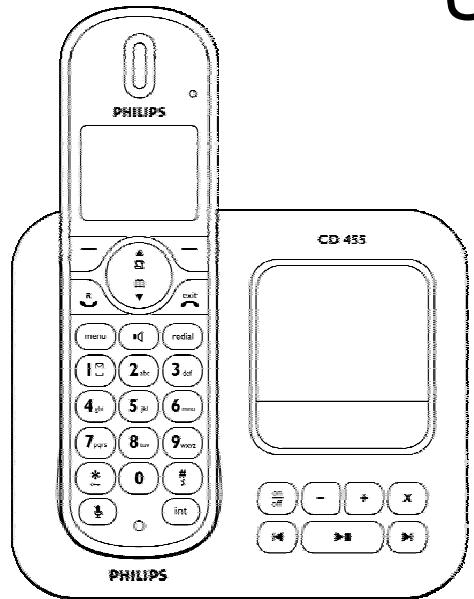


CD450/455

User Guide

PCE DRAFT



1.8/1.9GHz DECT TELEPHONE
DIGITAL ANSWERING MACHINE
LOW RADIATION
CALLER ID
HANDS-FREE

Important Safety Instructions

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

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Telephones should not be used while you are in a bathtub, shower or pool. Immersion of the telephone or handset in water could cause an electrical shock.
5. Slots and openings in the cabinet back or bottom are provided for ventilation, to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation unless proper ventilation is provided.
6. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
7. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by persons walking on it.
8. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
9. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
10. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified service personnel when service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
11. Do not expose the product to extreme temperatures such as areas near a hot radiator or stove or in a hot car.
12. Do not place lighted candles, cigarettes, cigars, etc., on the telephone.
13. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
14. Never install or modify telephone wiring during a lightning storm.
15. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
16. Use caution when installing or modifying telephone lines to prevent electrical shock and/or fire.
17. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. When the power supply cord or plug is damaged or frayed.
 - B. If the product has been exposed to rain or water.
 - C. If the product does not operate normally by following the operating instructions.
 - D. If the product's cabinet has been damaged.
 - E. If the product exhibits a distinct change in performance.
18. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
19. Do not use the telephone to report a gas leak in the vicinity of the leak.
20. Do not place this product on an unstable cart, stand or table. The product may fall, causing serious damage to the product.

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

1. Use only the type and size of battery(ies) specified in the user manual.
2. Do not dispose of the battery(ies) in fire. They may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling battery(ies) in order not to short out the battery(ies) with conducting materials such as rings, bracelets, and keys. The battery(ies) or conductor may overheat and cause burns.
5. Do not attempt to recharge the battery(ies) provided with or identified for use with this product that are not intended to be 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

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Environment

Environmental

Remember to observe local regulations regarding the disposal of your packaging materials, exhausted batteries and old equipment. Promote their recycling where possible.

Recycling & disposal

Disposal instructions for old products: The purpose of the WEEE directive (Waste Electrical and Electronic Equipment; 2002/96/EC) is to ensure that products are recycled using the 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.



- Do not dispose of your old product in your general household waste bin.
- 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.

Safety

IMPORTANT

This product is not designed for making emergency telephone calls when the power fails. Alternative arrangements should be made for access to emergency services.

Power requirements

This product requires an electrical supply of 100-240 volts, single-phase alternating current, excluding IT installations defined in standard EN 60950.



CAUTION: The electrical network is classified as dangerous according to criteria in the standard EN 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.



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

Handset Charger Adapter
Input: 100-240VAC 50/60Hz
Output: 7.5VDC 200mA

Base Unit Adapter
Input: 100-240VAC 50/60Hz
Output: 7.5VDC 500mA

Battery requirements

The handset requires a power source of two rechargeable NiMH batteries, size AAA 1.2V 750mAh (HR10/44).



**WARNING: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
Never use non-rechargeable batteries. Use the recommended type supplied with this product. NiMH batteries must be disposed of in accordance with the applicable waste disposal regulations.**

Safety

Telephone connections

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

Hearing aid

Please note that this telephone works by sending radio signals between the base unit and the handset. These signals may interfere with some hearing aids, causing a humming noise.

Safety precautions

- Do not allow the handset to come into contact with liquids or moisture.
- Do not open the handset, base unit or charger. This could expose you to high voltages.
- Do not allow the charging contacts or the battery to come into contact with conductive materials.
- There is a slight chance that your product could be damaged by an electrical storm. We recommend that you unplug the product from the power supply and telephone socket during a storm.
- Do not use the handset in an explosive hazard area such as where there is gas leaking.
- It is recommended that this product is not used near intensive care medical equipment or by persons with pacemakers.
- This product can interfere with electrical equipment such as answering machines, television, radio, and computers if placed too close. We recommend that you position the base unit at least one meter from such appliances.

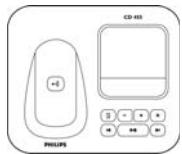


The CE marking certifies compliance with technical regulations in accordance with Directive 1999/5/EC for the safety of the user, electromagnetic perturbations and for radio spectrum.

What's in the Box?

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.

This product comes with the following items. For missing item(s), contact your dealer.



Base Unit with bracket



Handset x1



Handset Battery Cover x1



Base Power Adapter



NiMH AAA
Rechargeable Battery x2



Telephone Line Cord x1



This User Guide



Quick Start Guide



Warranty Leaflet



Charger



Charger Power Adapter



Jack Adapter

Welcome

This user guide provides you with the information and instructions you need to get the most from your phone.

HOW TO USE THIS USER GUIDE?

The following symbols are used to alert you to important information.



Warning: Critical information for preventing personal injury.

Caution: Critical information for preventing damage to the product.



Tip: Information for easier operation.



Note: Explanatory or critical information for carrying out an operation correctly.

NEED MORE HELP?

- See the *Frequently asked questions* section in this user guide on page 58.
- Visit our online help www.philips.com/support

About your phone

THE HANDSET

1 Up Navigation & Call Log key

Scroll up menu
Increase earpiece volume
Enter call log

2 Left soft key

Confirm selection
Enter options menu

3 Right soft key 2

Delete text or digit(s)
Cancel operation
View more record information

4 Talk & Recall key

Make and receive calls
Send flash signal

5 End & On / Off key

End call
Exit menu / operation
Turn handset on/off

6 Menu key

Access main menu

7 Down Navigation & Phonebook key

Scroll down menu
Decrease earpiece volume

Enter phonebook

8 Speaker key

Turn speaker on / off

9 Redial key

Enter redial list & dial last number

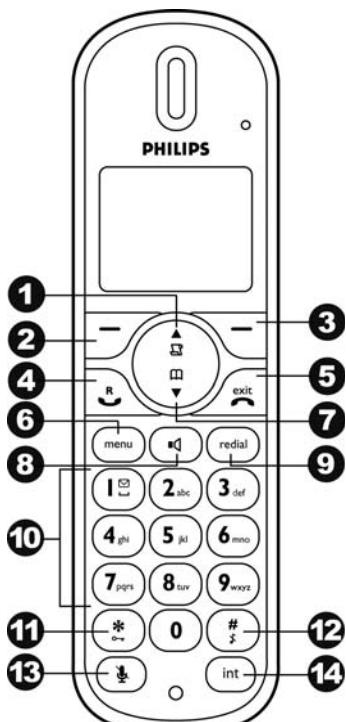
10 Digit keys

Dial digit and enter text

Use as shortcut key for quick dial

11 Star & Keylock key

Dial * & send temp DTMF signal
Lock / unlock keypad



12 Ringer Off & Pause key

Dial # and enter pause
Turn ringer on / off
Change input letter case

13 Mute key

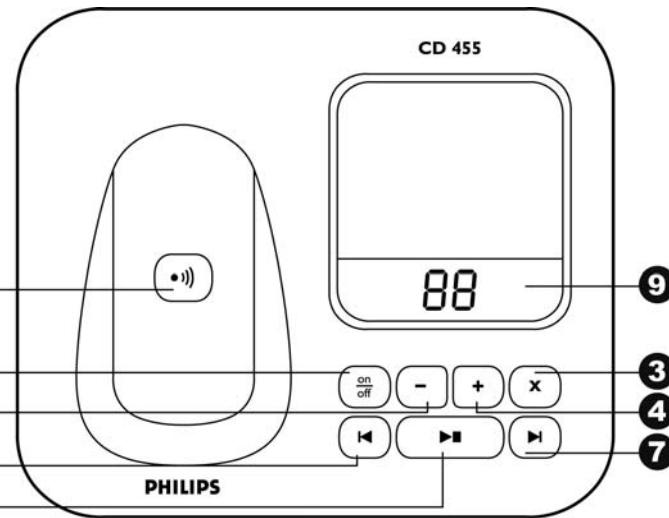
Mute / unmute microphone

14 Intercom & Conference key

Make intercom call
Make conference call

About Your Phone

THE BASE AND ANSWERING MACHINE



1 Answering Machine On / Off key

Turn the answering machine on / off

2 Volume down

Decrease speaker volume

3 Delete key

Delete messages

4 Volume up

Increase speaker volume

5 Rewind key

Skip backward during playback

6 Play & Stop key

Play messages
Stop message playback

7 Forward key

Skip forward during playback

8 Page key

Find handset(s)
Enter registration mode
9 7-segment display
Display message number
Display answering machine operation

About Your Phone

THE ICONS

Each icon gives you a visual message of what is happening on your handset.

	Battery level
	Call in progress
	Speaker on
	Call log
	Answering machine
	More options upward
	Signal strength
	Alarm on
	Ringer off
	Phonebook
	Voicemail indicator
	More options downward

THE MENUS

Your phone offers a variety of features and functions grouped in the menus.

Browsing the menus

The main menu includes the Phonebook, Clock & Alarm, Personal Set, Advanced Set, Network Service and Answering Machine menus.

From standby mode, you can,

- Press to enter the main menu.
- Press to enter the incoming call log.
- Press to enter the phonebook.
- Press to enter the redial list.



TIP: Use or to navigate the menus.



TIP: Quick Exit. Press and hold to exit from any menu instantly.
All unconfirmed changes will not be saved.

About Your Phone

Taking a glance at the menus

Main menu

Phonebook	Advanced set	Answer machine
New entry	Easy call*	Play
List entry	Conference*	Delete all
Edit entry	Call barring*	Answer on/off
Select melody	Russian CID*	Record OGM
Delete entry	XHD sound*	Answer mode*
Delete all	Change PIN	Ans settings
Direct memory	Registration	
	Unregister	
	Country*	
	Reset	
	Set date & time	
	Set format*	
	Carrier code*	
Alarm	Auto prefix*	
Alarm tone	Recall time	
	Dial mode*	
	First ring*	

Clock & alarm

Set date & time
Set format*
Carrier code*
Alarm
Alarm tone

Personal set

Handset name
Handset tones
Language*
Contrast*
Auto hang up*
Backlight*

Net services*

Call forward
Callfwd busy
Callfwd unans
Voicemail 1
Voicemail 2
Info 1
Info 2
Call return
Cancel call back
Withhold ID

* This menu item is country-dependent.

Other menus

Call log

Call list
Copy to phbk
Delete
Delete all
TAM*

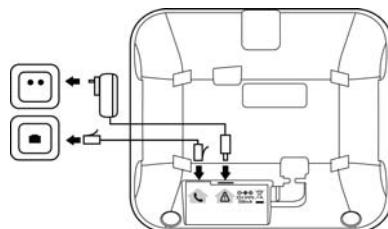
Redial list

Redial list
Copy to phbk
Delete
Delete all

Getting Started

CONNECTING YOUR PHONE

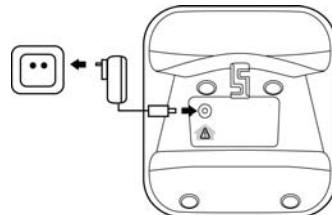
1. Connect the output plug of the mains adapter to the bottom of the base unit.
2. Connect the mains adapter to a standard wall outlet.
3. Connect the telephone line cord to the phone socket at the bottom of the base unit and the wall phone socket.



CONNECTING YOUR CHARGER

* For multi-pack models only

1. Connect the output plug of the mains adapter to the bottom of the charger.
2. Connect the mains adapter to a standard wall outlet.



Getting Started

WALL MOUNTING THE BASE

The charger is designed to support wall mounting. If you prefer to wall mount the charger, follow the instructions below.



CAUTION: Other wall mounting methods are not recommended and may damage the product.

1. Remove the bracket from the back of the base unit by pressing down the two latches on the top of the bracket.
2. Turn the bracket upside down and then re-insert the bracket to the back of the base unit.
3. Insert screws (not included) into the wall.
The recommended mounting screws are Philips Pan Head Self-Tapping Screws with diameter 4mm and length 20mm.
4. Align the mounting holes on the back of the base with the screws on the wall.
5. Slide the base down into place.

[Image to be added]

[Image to be added]

CHARGING YOUR HANDSET



WARNING: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
Never use non-rechargeable batteries. Use recommended type supplied with this product. NiMH batteries must be disposed of in accordance with the applicable waste disposal regulations.

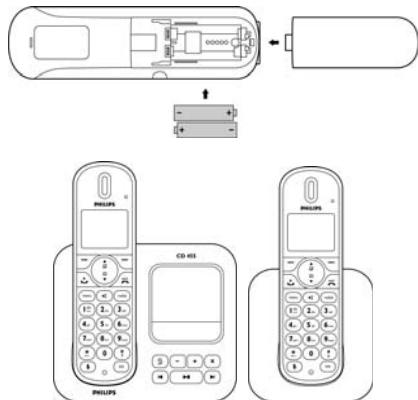


NOTE: Charge the handset(s) for 24 hours before initial use!



CAUTION: Check the battery polarity when inserting in the battery compartment. Incorrect polarity may damage the product.

1. Place the 2 rechargeable batteries (included) into the battery compartment.
2. Slide the battery door firmly into place.
3. Place the handset on the base unit or charger for charging.



NOTE: Handset may get warm during initial charging. This is normal. The handset may take a few seconds to power up.

CHECKING THE BATTERY LEVEL

The battery icon displays the current battery level.



= Battery full



= Battery empty. Require charging.

Your handset may power down shortly if it is not charged after the battery is empty. If you are on the phone when the battery is nearly empty, you will hear warning tones. Your call may be cut off shortly after the warning.

GREETING YOU WITH "WELCOME"

This feature only applies to model(s) with multiple-country or language support.

At first startup, your handset greets you with a "Welcome" message. After the welcome message, you can set the country or language to start using the phone.



NOTE: Press **OK** to skip the welcome message.

Setting your country/language

It is necessary to set the correct country for the phone for it to work properly according to your country's standards.

After the welcome message,

1. Select your country or language.
2. Press **OK** to confirm. The country/language setting is saved.

After setting the country/language, you can set the date and time. Your phone is now ready to use.



NOTE: Date/Time. Press **BACK** to skip date/time setting.

To re-configure your country or language setting, see *Changing the country setting* on page 46 or *Setting the display language* on page 31.

SETTING THE CLOCK

Your phone has a digital clock. Set the clock before initial use of the phone.

Setting the date and time

1. Press .
2. Select **Clock & alarm** → **Set date & time**. Press **OK**.
3. Use the digit keys to enter the date.
4. Press **OK**. The handset displays the time editing screen.
5. Use digit keys to enter the time.
6. Press **OK**. The setting is saved.

Setting the date and time format

This feature only applies to model(s) with date/time format support.

You can choose how your phone displays the date (DD/MM or MM/DD) and time (12-hour or 24-hour).

1. Press .
2. Select **Clock & alarm** → **Set format**. Press **OK**.
3. Select **Date format** or **Time format**.
4. Select the setting you want.
5. Press **OK**. The setting is saved.

WHAT IS STANDBY MODE?

Your phone is in standby mode when it is idle. The standby screen displays the handset name, the handset number, the date and time, the signal icon, and the battery icon.

CHECKING THE SIGNAL STRENGTH

The signal icon  displays the link status between your handset and the base unit. A steady icon means your handset and the base unit are linked. A flashing icon means your handset and the base unit are not linked.

If you move too far away from the base unit while you are on the phone, you will hear warning tones notifying you that your handset is almost out of range – lost link. Take your handset closer to the base unit or your call may be cut off shortly after the warning.



NOTE: If your handset has lost link, you will not be able to make or receive any calls. You will also not be able to carry out many of the phone's functions and features.

SWITCHING YOUR HANDSET ON/OFF

Switching on your handset

1. Press . The handset may take a few seconds to power up.

Switching off your handset

1. Press and hold . The handset's screen turns off.



NOTE: Your handset cannot receive any calls if the power is switched off.

Call



NOTE: Emergency Call. This telephone is not designed for making emergency telephone calls when the power fails. Alternative arrangements should be made for access to emergency services.

MAKING A CALL

This section describes the different ways to make a call.



NOTE: Signal Strength. Check the signal strength before making a call and during a call. For details, see *Checking the signal strength* on page 16.

1. Press
2. Dial the phone number. The number displays on the screen and is dialed out.



NOTE: Call Timer. The call timer displays the talk time of your current call.



NOTE: Low Battery. During a call, you will hear warning tones if your handset is almost out of battery. Charge your handset or your call may soon be cut off. For details, see *Checking the battery level* on page 14.

Pre-dialing

Pre-dialing lets you view and edit the number before making the call.

1. Enter the phone number. The number displays on the screen. You can make changes before dialing out.



TIP: Press **BACK** to erase a digit.

Press and hold to enter a pause. P displays on the screen.

2. Press

Call

Redialing the last number

1. Press
2. Press . The last number displays on screen and is dialed out.

Calling from the redial list

1. Press
2. Select the record you want to call.
3. Press . The number is dialed out.

Calling from the phonebook

For details on the phonebook, see *Phonebook* on page 25.

1. Press to access the phonebook.
2. Select the phonebook record you want to call.
3. Press to dial out the call.

Calling from the call log

You can return a call from the incoming (received or missed) call log. For details, see *Call Log* on page 29.

1. Enter the call log.
2. Select the record you want to call.
3. Press to dial out the call.

ENDING A CALL

1. Press



TIP: Auto hang up. Place the handset on the base or charging cradle to end the call automatically. See *Auto hang up* on page 33.

Call

ANSWERING A CALL

If you have a Russia model phone, refer to the *Answering a call (For Russia-model)* section.

When you receive a call, your phone rings. Press  or  to answer the call.



NOTE: Ringer. When the handset rings during an incoming call, do not put the handset too close to your ear as the ringer volume may damage your hearing.



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



NOTE: Caller ID Service. Subscribe from your service provider.



TIP: Missed Call Alert. When a call is missed, your handset displays a notification message. The handset's LED and  icon also flash.

Turning off the ringer

You can turn off the ringer for all incoming calls.

1. Press and hold  during standby.  displays on the screen. For details on the ringer setting, see *Personalizing your phone's sounds* on page 32.



TIP: Silent Ringer. When the phone is ringing, press  to turn off the ringer for the current call.

ANSWERING A CALL (FOR RUSSIA-MODEL)

If you have a Russia-model phone, the tips and notes mentioned in the *Answering a call* section still applies to you. However, in your country, there are 2 ways to answer a call depending on your Caller ID setting.

Call

Caller ID service enabled,

1. Press  to view the Caller ID when your phone is ringing.
2. Press  or  to answer the call.

Caller ID service disabled,

1. Press  or  to answer the call when your phone is ringing.

Russian CID setting

This feature changes the caller ID setting.

1. Press .
2. Select **Advanced set → Russian CID**. Press .
3. Select the new setting. Press 

DURING A CALL

This section describes the features that are available during a call.

Adjusting the earpiece volume

1. Press  or  to adjust the volume during a call. Press  to confirm.

Muting the microphone

The mute feature allows you to speak to someone in the house privately.

1. Press  during a call. Your handset displays **Mute on**. The caller cannot hear you, but you can still hear his voice.
Press  again to un-mute the microphone. You can now communicate with the caller.

USING THE SPEAKER OR HANDSFREE

1. Press  to turn on/off the speaker.

MAKING A SECOND CALL



NOTE: 2nd Call Service. Subscribe from your service provider.

During a call,

1. Press OR

Press **OK**. Select **Init 2nd call**. Press **OK** again.

Your first call will be put on hold.

2. Dial the number you want. The number displays on the screen and is dialed out.

Answering a second call



NOTE: 2nd Call Service. Subscribe from your service provider.

During a call, your phone sounds a short beep periodically to notify you of an incoming call.

1. Press to answer the call. The first call is put on hold, and you are now connected to the second call.

Toggling between two external calls

1. Press OR

Press **OK** and select **Switch call**. Press **OK**.

The current call is put on hold, and you are now connected to the other call.



TIP: Conference. The conference feature may require additional charges from your service provider.

To start a conference call, while connected to two external calls, you can press **OK**, select **Conference**, and then press **OK** again. You can now talk to both parties at once.

Intercom and Conference Calls

An intercom call is a call to another handset that shares the same base unit. A conference call involves a conversation between another handset and outside caller(s).

CALLING ANOTHER HANDSET



NOTE: If the base unit only has 2 handsets (yours and another handset) registered to it, you can press to call the other handset instantly.

1. Press .
2. Select or press the target handset number. Press **OK**.
3. Wait for the other party to answer your call.
4. Press to cancel or end the intercom call.

While you are on the phone

While talking on the phone, you can call another handset.

1. Press during the call. The external caller is automatically being put on hold.
2. Select or press the target handset number. Press **OK**.
3. Wait for the other party to answer your call.

To toggle between the calls

1. Press to switch between the outside call and the intercom call.

TRANSFERRING A CALL

1. Press during a call.
2. Select or press the target handset number. Press **OK**.
3. Press after the other party answers your call. The outside call is now transferred to the other handset.

MAKING A CONFERENCE CALL

A 3-way conference call is a call between you, outside caller(s), and another handset user in your house.



NOTE: A 3-way conference call requires 2 handsets that share the same base unit.

You are talking on the phone with an outside caller and you want to involve another handset user in the conversation.

During your call with the outside caller,

1. Press . The external caller is automatically being placed on hold.
2. Select or press the target handset number. Wait for the other party to answer your call.
3. Press and hold . You are now on a 3-way conference call.
4. Press  to end the conference call.



TIP: Auto Conference. You can join an ongoing external call with another handset by pressing  . See *Activating/Deactivating auto conference* on page 33.

Text and Numbers

You can enter text and numbers for handset name, phonebook records, and others menu items.

ENTERING TEXT AND NUMBERS

1. Find the key with the character you want.
2. Press it as many times as needed for the character you want.



TIP: Change Case. Press **#** during editing, and the next letter you enter will be in the alternate case.

Input table



TIP: Editing. Use **BACK** to delete and  or  to move the cursor.

Phonebook

Your phone has a phonebook that can store up to 100 records. You can access the phonebook from your handset. Each record can have a name up to 14 characters long and a number up to 24 digits long.



TIP: Use or to navigate the menus.

VIEWING THE PHONEBOOK

1. Press .
2. Select the contact you want to view.
3. Press to view the details of a record (name, number, VIP melody).



TIP: Options Menu. While viewing the phonebook, you can press **OK** to access the phonebook options menu.

Searching a record

You can search the phonebook by scrolling or by searching the first character.

Searching by scrolling

1. While in the phonebook, press or to scroll.

Searching by the first character

1. While in the phonebook, press the digit key that contains the character you want to search by.

During a call

You can access the phonebook and use the number during a call.

1. Press and hold during a call **OR**

Press **OK**. Select **Phonebook**. Press **OK**.

2. Select the contact you want.
3. Press **OK**. The number displays on the screen and is sent out.

Phonebook

CALLING FROM THE PHONEBOOK

See *Calling from the phonebook* on page 18.

ADDING A RECORD



NOTE: Memory Full. If your phonebook is full, the handset displays a notification message. Delete some records before adding new ones.

1. Press .
2. Select **Phonebook** → **New entry**. Press **OK**.



NOTE: Text and Number Editing. See *Text and Numbers* on page 24.

3. Enter the name. Press **OK**.
4. Enter the number.



NOTE: Duplicate Record. Contacts with identical number cannot be saved.



TIP: Pause. Press and hold to insert a pause.

5. Press **OK** to confirm. Your new record is saved.

EDITING A RECORD

1. Press .
2. Select **Phonebook** → **Edit entry**. Press **OK**.
3. Select the contact you want to edit. Press **OK**.
4. Edit the name if necessary. Press **OK**.
5. Edit the number if necessary. Press **OK** to confirm. The record is saved.



TIP: Editing. Use **BACK** to delete and or to move the cursor.

Phonebook

SETTING VIP MELODIES

You can assign different ringer melodies for each phonebook contacts. Your phone will ring the selected melody when the caller ID matches the number in your phonebook.

1. Press .
2. Select **Phonebook** → **Select melody**. Press .
3. Select the contact you want. Press .
4. The current melody is displayed.
4. Select a ring melody using  and .
4. Press .
4. The setting is saved.

DELETING A RECORD

1. Press .
2. Select **Phonebook** → **Delete**. Press .
3. Select the contact you want to delete. Press .
3. The handset displays a confirmation request.
4. Press .
4. The record is deleted.

DELETING ALL RECORDS

1. Press .
2. Select **Phonebook** → **Delete all**. Press .
2. The handset displays a confirmation request.
3. Press .
3. All records are deleted.

USING QUICK DIAL

Phonebook records can be programmed to a quick dial key (digit keys 1- 9).



NOTE: If network service shortcuts are enabled, keys 1 and 2 cannot be used as quick dial shortcut keys. See *Network Services* on page 38.

Phonebook

Assigning a quick dial key

1. Press .
2. Select **Phonebook** → **Direct memory**. Press .
3. Select an available key from the list. Press .
4. Select the contact you want. Press .
4. The setting is saved.

Making a call

1. Press and hold an assigned quick dial key during standby. The programmed number is dialed out.

Editing a quick dial key

1. Press .
2. Select **Phonebook** → **Direct memory**. Press .
3. Select the quick dial key you want to change. Press .
4. Select **Change**. Press .
5. Select a new contact. Press .
5. The setting is saved.

Cancelling a quick dial key

1. Press .
2. Select **Phonebook** → **Direct memory**. Press .
3. Select the quick dial key you want to cancel. Press .
4. Select **Delete** to cancel the quick dial key. Press .
4. The handset displays a confirmation request.
5. Press .
5. The quick dial key is cancelled.

Call Log and Redial List

The call log stores the call history of all incoming (missed or received), and the redial list stores call history of dialed calls.

Calls	What is this?	Stored records
Incoming	Calls that you received.	50
Dialed	Calls that you have made.	10

The incoming call history includes the caller name, number, call time and date. The dialed call history includes the name and number called.



TIP: Use or to navigate the menus.

VIEWING THE CALL RECORDS

1. Press . (For CID model)
Press . Select **Call List**, and then press to enter the incoming call log. (For ANSWERING MACHINE model) **OR**
Press to enter the dialed call log.
2. Select the record you want to view. Press for more information.

MAKING A CALL

Returning a call

To call from the incoming call log, see *Calling from the call log* on page 18.

Redialing a call

To call from the redial list, see *Calling from the redial list* on page 18.

Call Log and Redial List

SAVING A CALL RECORD TO YOUR PHONEBOOK

1. Enter the call log or redial list.
2. Select the record you want while browsing the log. Press .
3. Select **Copy to phbk**. Press .
4. Enter and edit the name if necessary. Press .
5. Enter and edit the number if necessary. Press . The record is saved.

DELETING A CALL RECORD

1. Enter the call log or redial list.
2. Select the record you want while browsing the log. Press .
3. Select **Delete**. Press . The handset displays a confirmation request.
4. Press to confirm. The record is deleted.

DELETING ALL CALL RECORDS

1. Enter the call log or redial list.
2. Press to enter the options menu while browsing the log.
3. Select **Delete all**. Press . The handset displays a confirmation request.
4. Press to confirm. All records are deleted.

Custom Options

Make this your phone – change the look and sound of the handset to suit your needs and tastes.

PERSONALIZING YOUR PHONE'S DISPLAY

Naming your handset

Each handset can have its own name. It is displayed on the screen in standby.

1. Press .
2. Select **Personal set** → **Handset name**. Press **OK**.
3. Enter or edit the name. Use **BACK** to make corrections.
4. Press **OK** to confirm. The setting is saved.

Setting the display language

This feature only applies to model(s) with multiple-language support.

1. Press .
2. Select **Personal set** → **Language**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.

Setting the screen contrast level

1. Press .
2. Select **Personal set** → **Contrast**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.

Custom Options

PERSONALIZING YOUR PHONE'S SOUNDS

Setting your handset's ringer melody

You can choose from 12 different ringer melodies.

1. Press .
2. Select **Personal set** → **Handset tones** → **Ring melody**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.

Setting your handset's ringer volume

There are 6 ringer volume levels (including ringer off) and a progressive setting.

1. Press .
2. Select **Personal set** → **Handset tones** → **Ring volume**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.

Setting the key tone

Key tone is the sound you hear when you press a key on your handset.

1. Press .
2. Select **Personal set** → **Handset tones** → **Key beep**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.

Enhancing the audio quality

Your phone has an equalizer just like your home stereo system. The equalizer improves the earpiece's sound quality.

1. Press .
2. Select **Advanced set** → **XHD sound**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.

During a call

1. Press **OK** to enter the options menu. The handset displays the XHD setting you can change to.
2. Press **OK** to change the setting. The setting is saved.

Calling Features

Your phone supports a number of call-related features to help you handle and manage your calls.

AUTO HANG UP

Auto hang up allows you to end a call by placing the handset on the base or charging cradle without pressing any key.

Activating/Deactivating auto hang up

1. Press .
2. Select **Personal set** → **Auto hang up**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.

AUTO CONFERENCE

Auto conference lets you join an external call with another handset by simply pressing .

Activating/Deactivating auto conference

1. Press .
2. Select **Advanced set** → **Conference**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.

DIAL MODE

Dial mode is the telephone signal used in your country. Your phone supports tone (DTMF) and pulse (rotary) dialing. Your phone shall already be set up for use in your country. For details, consult your service provider.

Setting the dial mode

1. Press .
2. Select **Advanced set** → **Dial mode**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.

Calling Features



TIP: Temporary Tone. If your phone is in pulse dialing, press and hold  during a call for temporary tone mode. 'd' displays. Digits entered after 'd' are sent out as tone signal (for this call only).

RECALL SELECTION

Recall is a signal that needs to be sent to the network when making or answering a second call. Your phone shall already be set up for use in your country. For details, consult your service provider.

Setting the recall duration

1. Press .
2. Select **Advanced set** → **Recall time**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.

CALL BARRING

Call barring allows you to block selected numbers from dialing out.

Activating/deactivating call barring

1. Press .
2. Select **Advanced set** → **Call barring**. Press **OK**.
3. Enter the system PIN. Press **OK**.
4. Select **Mode**. Press **OK**.
5. Select the new setting. Go to step 6 if you selected **On** or step 7 if you selected **Off**.
6. Enter the barred number (if it is not set previously).
7. Press **OK**. The setting is saved.

Calling Features

Setting barred numbers

You can set up to 4 numbers of 1 – 4 digits long. Outgoing calls starting with one of the 4 programmed numbers will be blocked from dialing out.

1. Press .
2. Select **Advanced set → Call barring**. Press .
3. Enter the system PIN. Press .
4. Select **Number → Number 1 (2, 3, 4)**. Press .
5. Enter the number you want to block. Press .

AREA CODE MANAGEMENT

This feature only applies to model(s) with area code support.

This feature automatically removes the area code of an incoming call. You can define an area code (up to 6 digits) you want to remove. The phone number will be saved in the call log without the area code.

Activating area code removal

1. Press .
2. Select **Advanced set → Area code**. Press .
3. Enter the area code. Press .

Deactivating area code removal

1. Press .
2. Select **Advanced set → Area code**. Press .
3. Use **BACK** to delete all the digits. Press .

Calling Features

CARRIER CODE

This feature only applies to model(s) with carrier code support.

For some telephone service providers, you may need to add the carrier code when making a call outside of your local area. The area code feature automatically helps you decide if the carrier code is needed when you are returning a call from the incoming call log.

You only have to program the carrier code of your service provider, and your phone will do the rest for you.



NOTE: Carrier Code. It is a 2 or 3-digit code that represents a service provider. Consult your service provider to find out its code.

1. Press .
2. Select **Advanced set → Carrier code**. Press .
3. Enter the carrier code number. Press .



NOTE: Area Code. Remember to program your local area code in the area code menu.

AUTO PREFIX

This feature only applies to model(s) with auto prefix support.

The auto prefix feature checks and formats your outgoing call number before it is dialed out. If the first few digits of the number match the *detect number* you set in the menu, they will be replaced by the *prefix number* you set in the menu.

For example, you set the **detect number** as **604** and **prefix number** as **1250**. When you have dialed out a number such as **6043338888**, your phone will change the number to **12503338888** when it dials out.



NOTE: The detect number can be up to 5 digits; the prefix number can be up to 10 digits.

Calling Features

1. Press .
2. Select **Advanced set** → **Auto prefix**. Press **OK**.
3. Enter the Detect number. Press **OK**.
4. Enter the Prefix number. (To enter a pause, press and hold .) Press **OK**. The setting is saved.



NOTE: Empty Detect Number. If the user only sets the prefix number and leaves the detect number empty, the prefix number will be added to all outgoing calls.



NOTE: Dialed Number. If the dialed number starts with *, # or P, the handset will not do any reformatting.

FIRST RING

This feature only applies to model(s) with first ring support.

This feature controls the first ring sent before the caller ID. Your phone automatically detects for CID service. If CID service is detected, the phone will change the first ring status to off. Therefore, you will not hear the first ring that is sent before the caller ID. This status will not change even if you have unsubscribed for caller ID service.



NOTE: Reset First Ring Status. To reset the first ring status, you can reset the system from the Reset menu. See *Restoring default settings* on page 48.

Activating/deactivating first ring

You can manually change the first ring setting. After changing it manually, your phone will not update the first ring status automatically based on your subscription to caller ID service (until you reset the system).

1. Press .
2. Select **Advanced set** → **First ring**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.

Network Services

All network services are provided by your service provider. Consult from your service provider about the subscription and the activation/deactivation codes for each service.



TIP: Incorrect codes. Network services may not work if the incorrect activation and/or deactivation codes are entered.

CALL FORWARD

This feature lets you forward your calls to another number. There are a few options:

Call forward: forward all incoming calls.

Callfwd busy: forward calls only when the line is busy.

Callfwd unans: forward calls only when they are not answered.

Activating call forward

1. Press .
2. Select **Net service**. Press **OK**.
3. Select the call forward options you want. Press **OK** to confirm.
4. Select **Activate**. Press **OK**.
5. Enter the number you want to forward your calls to. Press **OK**. A call is made to the service centre.

Deactivating call forward

1. Press .
2. Select **Net service**. Press **OK**.
3. Select the call forward options you want. Press **OK** to confirm.
4. Select **Deactivate**. Press **OK**. A call is made to the service centre.

Editing the activation/deactivation codes

You can make changes to the prefix and suffix to the call forward codes.

Network Services

1. Press .
2. Select **Net service**. Press **OK**.
3. Select the call forward options you want. Press **OK** to confirm.
4. Select **Change codes**. Press **OK**.
5. Select **Activation → Prefix (Suffix)**. Press **OK** OR Select **Deactivation**. Press **OK**.
6. Enter or edit the code. Press **OK**. The setting is saved.

VOICEMAIL

You will see an envelope  icon on your handset when there is a voicemail waiting in your mailbox. When all the voicemail record is cleared from the call log, the envelope icon will turn off.

Retrieving voicemail(s)

You can make a call to the voicemail service centre to retrieve your voicemail(s). Your phone supports 2 voicemail service numbers.

1. Press .
2. Select **Net service**. Press **OK**.
3. Select the voicemail service you want. Press **OK**.
4. Select **Call**. Press **OK**. A call is made to the service centre.



TIP: Voicemail 1 Shortcut. Press and hold 1 during standby to make a call to the voicemail 1 service centre directly.

Editing the voicemail service numbers

1. Press .
2. Select **Net service**. Press **OK**.
3. Select the voicemail service you want. Press **OK**.
4. Select **Settings**. Press **OK**.
5. Enter or edit the voicemail number. Press **OK**. The setting is saved.

Network Services

INFO CENTRE

Your phone supports 2 info centre numbers.

Calling the info centre

1. Press .
2. Select **Net service**. Press **OK**.
3. Select the info centre you want. Press **OK**.
4. Select **Call**. Press **OK**. A call is made to the info centre.



TIP: Info 1 Shortcut. Press and hold 2 during standby to make a call to the info 1 centre directly.

Editing the info centre numbers

1. Press .
2. Select **Net service**. Press **OK**.
3. Select the info centre you want. Press **OK**.
4. Select **Settings**. Press **OK**.
5. Enter or edit the number. Press **OK**. The setting is saved.

CALL RETURN

The call return service allows you to check who called you last.

Calling the call return service centre

1. Press .
2. Select **Net service → Call return → Call**. Press **OK**. A call is made to the service centre.

Editing the service centre number

1. Press .
2. Select **Net service → Call return → Settings**. Press **OK**.
3. Enter or edit the number. Press **OK**. The setting is saved.

CANCEL CALL BACK

The call back service notifies you when a party you have tried to call becomes available. After activating this service from your service provider, you can choose to cancel it from the menu.

Cancelling call back

1. Press .
2. Select **Net service** → **Cancel callback** → **Call**. Press **OK**. A call is made to the service centre to cancel the call back option.

Editing the cancel call back service number

1. Press .
2. Select **Net service** → **Cancel callback** → **Settings**. Press **OK**.
3. Enter or edit the number. Press **OK**. The setting is saved.

WITHHOLDING ID

This feature enables you to suppress your Caller ID to the caller.

Activating withhold ID

1. Press .
2. Select **Net service** → **Withhold ID** → **Activate**. Press **OK**. The withhold ID code is dialed out.
3. Enter the number you want to call. The number is dialed out and your information is withheld from the other party.

Editing the withhold ID code

1. Press .
2. Select **Net service** → **Withhold ID** → **Settings**. Press **OK**.
3. Enter or edit the number. Press **OK**. The setting is saved.

Extra Features

Discover and explore the additional features your phone offers! Find out how these features can benefit you and help you make the most of your phone.

ALARM CLOCK

You can use your phone as an alarm clock to wake you up. You can set the alarm to ring once or daily.

Setting the alarm

1. Press .
2. Select **Clock & alarm** → **Alarm**. Press **OK**.
3. Select **On once** or **On daily**. Press **OK**.
4. Enter the alarm time.



TIP: You can set the time format to 12-hour or 24-hour. See *Setting the date and time format* on page 15.

5. Press **OK**. The alarm is set and the  icon displays.

Turning off the alarm

When the alarm rings

1. Press  or **OK** to turn off the alarm. Pressing other keys cannot stop the alarm.



NOTE: If you do not press any key after the alarm clock rings for 1 minute, it will turn off automatically.

Before the alarm rings

1. Press .
2. Select **Clock & alarm** → **Alarm**. Press **OK**.
3. Select **Off**. Press **OK**. The setting is saved.

Extra Features

Setting the alarm melody

1. Press .
2. Select **Clock & alarm** → **Alarm tone**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.



NOTE: Alarm Volume. The alarm volume is set to the same level as the ringer volume. If the ringer is off, the alarm volume is set to level 1.

EASY CALL

Easy call allows you to dial out a programmed number by pressing any handset key (except **BACK**.)

Activating easy call

1. Press .
2. Select **Advanced set** → **Easy call** → **Mode**. Press **OK**.
3. Select **On**. Press **OK**.
4. Enter the easy call number (if it is not set previously). Press **OK**. The setting is saved.

Setting the easy call number

1. Press .
2. Select **Advanced set** → **Easy call** → **Number**. Press **OK**.
3. Enter the easy call number. Press **OK**. The setting is saved.

Deactivating easy call

1. Press **BACK** during standby. The easy call menu displays.
2. Select **Off**. Press **OK**. The setting is saved.

Extra Features

KEYPAD LOCK

You can lock the keypad to prevent accidental presses on the handset while you are carrying it around.

Locking the keypad

1. Press and hold  during standby. The keypad is locked. **Key locked** is displayed.



NOTE: Calls. You **will not** be able to make any calls including **emergency calls** when the keypad is locked. You can still answer incoming calls. The keypad will be unlocked during the call, and then it will be re-locked automatically after you finish the call.

Unlocking the keypad

1. Press and hold  again. The keypad is unlocked.

MISSING HANDSET(S)

1. Press  on the base unit. All the handsets connected to this base unit ring.
2. Press  on the base unit again to stop paging. All the handsets stop ringing **OR**
Press any key on the handset to stop the paging for that handset.

The System

REGISTERING ADDITIONAL HANDSET(S)

Registration allows communication between your base unit and handset(s). If your handset is not registered, you will not be able to make a call or use some of the functions and features on the phone.

1. Press  on the base unit for 3 seconds.
2. Press  on the handset.
3. Select **Advanced set → Registration**. Press **OK**.
4. Enter the system PIN (Pre-set: 0000). Use **BACK** to make corrections.
5. Press **OK**. Your handset starts searching for the base.

Registration shall be completed within 60 seconds. The base automatically assigns a handset number to the handset.



NOTE: Your base can register up to 5 handsets. After registering 5 handsets, your base unit registration memory is full. If you attempt to register an additional handset, registration will not be successful.

DELETING A HANDSET

Use one handset to de-register another handset that shares the same base unit.

1. Press .
2. Select **Advanced set → Unregister**. Press **OK**.
3. Enter the system PIN. Use **BACK** to make corrections.
4. Press **OK**. Select the handset (number) you want to delete.



TIP: Handset Number. The handset number displays beside the handset name during standby.

5. Press **OK**. The handset is deleted.

The System

CHANGING YOUR PIN

The system PIN is used for registration and protecting access rights to some of the menus and remote access to the ANSWERING MACHINE. The pre-set PIN is 0000. You can personalize your PIN for greater security.

1. Press .
2. Select **Advanced set → Change PIN**. Press **OK**.
3. Enter the system PIN. Use **BACK** to make corrections.
4. Press **OK** to confirm the system PIN.
5. Enter the new system PIN. Press **OK**.
6. Enter the new system PIN again for verification. Press **OK**. The setting is saved.



NOTE: Forgotten PIN. Write down your PIN and save it for future use. If you have forgotten the PIN, reset your phone and your PIN code will be restored to the factory pre-set PIN (0000). To reset your phone, see *Restoring default settings* on page 47.

CHANGING THE COUNTRY SETTING

This feature only applies to model(s) with multiple-country support.

You can change the country setting of your phone when you are using it in another country. If your handset displays **Welcome**, refer to *Greeting you with "Welcome"* on page 14.

1. Press .
2. Select **Advanced set → Country**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.

RESTORING DEFAULT SETTINGS

You can reset your phone settings to the original factory settings.

1. Press .
2. Select **Advanced set** → **Reset**. Press **OK**. The handset displays a confirmation request.
3. Press **OK** to confirm. All settings have been reset.



NOTE: After reset, your handset's power switches off. It will switch back on in a few seconds after updating all the settings. All handsets return to the Welcome screen after reset.

To see a list of default setting, see *Default (pre-programmed) settings* on page 56.

The Answering Machine

Once switched on, your answering machine is ready to be used. By default, your answering machine is set to Answer and Record mode. You can also access the machine remotely.

7-SEGMENT DISPLAY

Your answering machine comes with a 7-segment display to show you the number of messages you have and other visual messages about its operation.

--	Memory full		The 2-digit number shows: - The volume level, or - The message number (blink for new messages)
RR	Remote access		
[]	Recording		

SWITCHING THE ANSWERING MACHINE ON/OFF

From the base

1. Press  during standby.

From the handset

1. Press .
2. Select **Ans machine** → **Answer on/off**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.

Once switched on, your answering machine will answer incoming calls after a certain number of rings depending on the ring delay setting. See *Setting the ring delay* on page 54.

The Answering Machine

SETTING THE ANSWERING MACHINE LANGUAGE

This feature only applies to model(s) with multiple-language support.

The answering machine language is the language for the pre-recorded OGM and voice prompt instructions (for models that support voice prompts) announced by the answering machine.

1. Press .
2. Select **Ans machine** → **Ans settings** → **Voice language**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.

SETTING THE ANSWER MODE

Your answering machine has 2 answer modes. Answer and Record mode allows the caller to leave a message for you. Answer Only mode does not allow the caller to leave a message.

1. Press .
2. Select **Ans machine** → **Answer mode**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.



NOTE: Memory Full. Answer and Record mode cannot be used if your answering machine's memory is full.

OUTGOING MESSAGES (OGM)

The OGM is the message your caller hears when the answering machine picks up the call. Your answering machine comes with 2 pre-recorded OGM: Answer and Record mode and Answer Only mode.

The Answering Machine

Recording an OGM

The maximum length of the OGM is 60 seconds. After recording, your new OGM will replace the old one.

1. Press .
2. Select **Ans machine** → **Record OGM**. Press **OK**.
3. Select **Answer&record (Answer only)**. Press **OK**.
4. Select **Record OGM**. Press **OK**.
5. Start recording after the beep.
6. Press **OK** to stop recording or recording will stop after 60 seconds. The recorded OGM will play back automatically for review.



TIP: Restore Pre-recorded OGM. If you want to restore the pre-recorded OGM, simply delete your current OGM.

Listening to the current OGM

1. Press .
2. Select **Ans machine** → **Record OGM** Press **OK**.
3. Select **Answer&record (Answer only)**. Press **OK**.
4. Select **Play**. Press **OK**. The handset plays the current OGM.

Deleting an OGM

1. Press .
2. Select **Ans machine** → **Record OGM** Press **OK**.
3. Select **Answer&record (Answer only)**. Press **OK**.
4. Select **Delete**. Press **OK**. The handset displays a confirmation request.
5. Press **OK** to confirm. The pre-recorded OGM is restored.



NOTE: The pre-recorded OGM cannot be deleted.

The Answering Machine

INCOMING MESSAGES (ICM)

Each message can be up to 2 minutes long. When you have received new messages on your answering machine, the answering machine display will keep flashing the number of new messages received and the handset will display a notification message. If you pick up the phone when the caller is leaving a message, the recording will stop and you can talk to the caller directly.



NOTE: Memory Full. The answering machine automatically switches to answer only mode. Delete some messages to allow room for new messages.

Playing ICM

ICM will be played back in the sequence they were recorded.

From the base

1. Press . New messages start playing.
 - **Adjust the volume.** Press to increase or to decrease the speaker's volume.
 - **Skip backward.**
 - During message playback, press to replay the message from the beginning.
 - During the first second of the current message, press to play the previous message.
 - **Skip forward.** Press to skip to the next message.
 - **Stop playback.** Press .
 - **Delete current message.** Press .



NOTE: Deleted message(s) cannot be recovered.

The Answering Machine

From the handset

1. Press .
2. Select **Ans machine** → **Play**. Press . New messages start playing.
 - **Stop playback.** Press .
 - **Enter options menu.** Press .
 - **Adjust the volume.** Press to increase or to decrease the volume.

Deleting an ICM

From the base

1. Press during message playback. The current message is deleted.

From the handset

1. During message playback, press to enter the options menu.
2. Select **Delete**. Press . The current message is deleted.

Deleting all old ICM

From the base

1. Press and hold during standby. All old messages are permanently deleted.

From the handset

1. Press .
2. Select **Ans machine** → **Delete all**. Press . The handset displays a confirmation request.
3. Press to confirm. All old messages are permanently deleted.



NOTE: Deleted message(s) cannot be recovered.

CALL SCREENING

Call screening allows you to hear the caller while he is leaving a message. You can then decide if you want to talk to the caller directly.

From the base

You can use  and  to adjust the speaker's volume during call screening. The lowest volume level turns call screening off.

From the handset

The call screening feature on the handset can be changed from the handset menu.

1. Press  on the handset.
2. Select **Ans machine** → **Ans settings** → **HS screening**. Press **OK**.
3. Select the new setting. Go to step 4 if you selected **On** or step 5 if you selected **Off**.
4. Select the handset you want for screening.
5. Press **OK**. The setting is saved.

During call screening, use  and  to adjust the screening volume.



TIP: Handset Call Screening. Your handset automatically turns on the speaker for handset screening. To listen from the earpiece, press  to turn off the speaker.



NOTE: The call screening on/off setting cannot be changed during ICM recording.

MESSAGE ALERT

Message alert gives you an indication that the answering machine has new message(s). You will see the number of new messages flashing on the base, and you will also see the  icon flashing and a notification message on the handset.

SETTING THE RING DELAY

Ring delay is the number of times your phone will ring before the answering machine picks up the call. This setting only applies when your answering machine is switched on. You can change this setting from 3 – 8 rings or economy.

1. Press .
2. Select **Ans machine** → **Ans settings** → **Ring delay**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.



TIP: Economy. This is a cost effective way to manage your messages when accessing your answering machine remotely. When economy is selected, your answering machine will pick up the call after 3 rings if you have new messages or 5 rings if you do not have any messages.

REMOTE ACCESS

You can operate your answering machine when you are away from home by calling your phone from a touch tone phone and entering your 4-digit PIN code.



NOTE: The remote access PIN code is the same as your system PIN. To change your PIN, see *Changing your PIN* on page 46.

Activating/deactivating remote access

You can allow or block remote access to your answering machine.

1. Press .
2. Select **Ans machine** → **Ans settings** → **Remote access**. Press **OK**.
3. Select the new setting. Press **OK**. The setting is saved.

The Answering Machine

Accessing your answering machine remotely

1. Make a call to your home number from a touch tone phone.
2. Press **#** when the outgoing message starts playing.
3. Enter your PIN code. You now have access to your answering machine, and new message(s) starts playing.



NOTE: You have 2 tries to enter the correct PIN code before your phone hangs up.

4. Press a key to carry out a function. See the *Remote access commands* table below for a list of available functions.



NOTE: Your phone will hang up automatically if no key is pressed for 8 seconds.

Remote access commands

Key	Function
1	Repeat current or play previous message
2	Play messages
3	Skip to next message
6	Delete current message
7	Switch answering machine on (not available during playback)
8	Stop message playback
9	Switch answering machine off (not available during playback)

Appendix

DEFAULT (PRE-PROGRAMMED) SETTINGS

General Setting

Language	Handset Name
Date	Time
Date Format	Time Format
Alarm	Network Services
Backlight	Contrast
Auto Hang Up	Conference
Recall Time	Dial Mode
Easy Call	Area Code
Carrier Code	Auto Prefix
First Ring	Russian CID

Sounds Setting

Handset Ring Melody	Handset Ring Volume
Alarm Tone	Handset Key Beep
Receiver Volume	XHD Sound

Call Log Setting

Incoming Call Log	Unchanged	Dialed Call Log	Unchanged
-------------------	-----------	-----------------	-----------

System Setting

Country	PIN Code	0000
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Answering Machine Setting

Answer Machine Status	Voice Language
Base Call Screening	Handset Call Screening
Message Alert	Speaker Volume
Remote Access	

Appendix

TECHNICAL DATA

General telephone features

- Caller name & number identification
- 9 phonebook memories with direct access
- Conference call and voicemails
- Intercom

Battery

- 2 x AAA NiMH Rechargeable 750mAh batteries

Weight and dimensions

- Handset: xxx grams
A x B x C mm (H x D x W)
- Base: xxx grams
A x B x C mm (H x D x W)

Temperature range

- Operation: 0°C to +46°C
- Storage: -25°C to +70°C

Relative humidity

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

Appendix

FREQUENTLY ASKED QUESTIONS

www.philips.com/support

Problem(s)	Tip(s)
No dialing tone	<ul style="list-style-type: none">• Check your phone connections.• The handset may be out of range. Move closer.
Signal icon flashing	<ul style="list-style-type: none">• The handset may be out of range. Move closer.• If the handset displays Unregistered, register the handset. See page 15.
Registration fails continuously	<ul style="list-style-type: none">• Your base memory may be full. Delete an un-used handset and try again. See page 45.
No parking tone	<ul style="list-style-type: none">• The handset may not be placed properly on the cradle. Try again.• Charging contacts may be dirty. Disconnect the power supply first and then clean contacts with a damp cloth.
Handset on the charger does not charge	<ul style="list-style-type: none">• Check that the batteries are inserted correctly.• Make sure the handset is placed properly on the charger. The battery icon animates while charging.• Batteries may be defective. Purchase new ones from your dealer.
No display	<ul style="list-style-type: none">• Check that the batteries are charged.• Check the power and phone connections.
Bad audio (crackles, echo, etc.)	<ul style="list-style-type: none">• The handset may be nearly out of range. Move closer to the base.• The phone may be receiving interference from nearby electrical appliances. Move the base.• The phone may be at a location with thick walls. Move the base.
Handset does not ring	<ul style="list-style-type: none">• Check that the handset ringer is turned on. See page 32.
Caller ID does not display	<ul style="list-style-type: none">• Service may not be activated. Check with your service provider.• The caller's information may be withheld or is unavailable.
Cannot make / answer a 2nd call	<ul style="list-style-type: none">• Service may not be activated. Check with your service provider.• Check that the recall selection is correct. See page 34.

11 Appendix

11.1 Equipment approval Information

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

11.2 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.

11.3 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.

11.4 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.

11.5 Interference Information

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

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

This equipment has been tested and found to comply with the limits for a Class b digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

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

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

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

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

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

11.6 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.

11.7 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. For Body-worn operation, use only with the belt clip. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

11.8 Hearing Aid Compatibility (HAC)

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

11.9 Privacy

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

11.10 Additional Information

I.C. Notice

11.11 Terminal Equipment

Note

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.

Note

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.

11.12 Radio Equipment

The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications RSS-213 and ICES-003 were met. Operation is subject to the following two conditions : (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

11.13 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.

Any repairs or alterations made by the user to the equipment may render the equipment void in

product warranty and compliance. This could also void the user's authority to operate the equipment.

USA Service Center

PHILIPS CONSUMER ELECTRONICS
P.O. BOX 671539, MARIETTA,
GA 30006-0026, USA
Phone: 888-744-5477

Canada Service Center

PHILIPS CONSUMER SERVICE DIVISION
4977 LEVY STREET, VILLE ST. LURENT,
QUEBEC, H4R 2N9, CANADA

11.14 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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