

# User Manual



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

**PHILIPS**

## 1 - INSTRUCTIONS FOR USE FOR THE VOIP433

The VOIP433 is a Windows Live Messenger compatible USB / landline phone, capable of voice communication through Internet protocol as well as on a normal landline line.

### 1.1. Important information

For your safety

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

**Power requirements:** The product requires an electrical supply of 220 – 240 volts, single phase alternating current, excluding IT installations defined in standard EN 60950.

**Battery requirements:** The handset requires power source of two rechargeable NiMH batteries, size AAA 1.2V 750mAh (HR10/44). **IF THE INCORRECT TYPE OF BATTERIES IS USED, A WARNING MESSAGE WILL BE DISPLAYED.**

**WARNING!** The electrical network is classified as dangerous according to criteria in the standard IEC 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.

**Safety precautions:**

- Do not allow the handset to come into contact with liquids or moisture.
- Do not open the handset or base station. This could expose you to high voltages.
- Do not allow the charging contacts of the charger or the battery to come into contact with extraneous conductive materials.
- There is a slight chance that the telephone could be damaged by an electrical storm. It is recommended that users unplug the phone from the USB socket during a storm.
- Do not use the handset in an explosive hazard area such as where there is gas leaking.
- Young children should be supervised to ensure that they do not play with the telephone.

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

*Because the phone works by sending radio signals between the base unit and the handset, wearers of hearing aids may experience interference in the form of a humming noise.*

*We advise that this phone should not be used near intensive care medical equipment or by persons with pacemakers.*

*Your phone can interfere with electrical equipment such as answering machines, TV and radio sets if placed too close. It is recommended that you position the base unit at least one meter from such appliances.*

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

**⚠ CAUTION**

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

Hereby, Philips declares that this VOIP 433 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

### 1.2. Install requirements

In order to use the phone, your computer should meet the following requirements:

- Multimedia PC
- Pentium 233 MHz process (500 MHz recommended)
- Microsoft Windows XP or Vista
- Minimum 128 MB of RAM (256 MB recommended)
- Up to 50 MB of hard disk space for installation, 15 MB to run the program.
- Microsoft Internet Explorer version 6 SP1 or later must be installed on your computer, though it does not need to be your default.
- Minimum 800 x 600 screen resolution
- Internet connection (broadband recommended)

### Need help

More troubleshooting and FAQ's:

Online help: [www.p4c.philips.com](http://www.p4c.philips.com)

Troubleshooting: Section 3.8.4

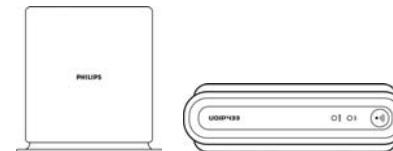
Updated IFUs are available on [www.p4c.philips.com](http://www.p4c.philips.com)

### 1.3. What's in the box

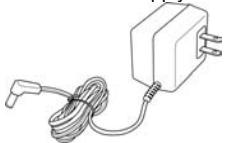
- Handset and Charger



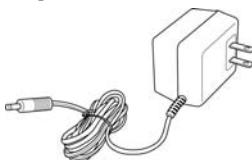
- Base station



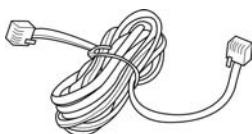
- Power supply for base station



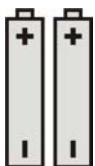
- Power supply for charger



- Line cord and line adaptor (if relevant) to plug the RJ11/RJ11 line cord in your wall plug  
\*(see note in "Connect")



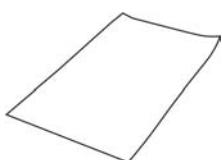
- 2 AAA batteries



- Battery door



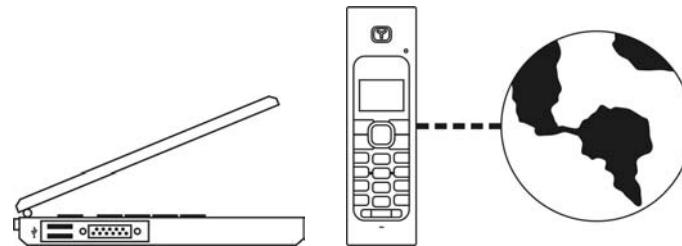
- Quick installation guide



#### What else you need:

- A desktop or a laptop with free USB port
- A telephone line
- Internet connection (broadband recommended)
- Windows Live Messenger installed on your PC and a Windows Live Messenger account. Please go to <http://messenger.msn.com/xp/default.aspx> to download Windows Live Messenger and sign up for a Windows Live Messenger account.

Note: to work properly, Windows Live Messenger needs to have installed the Microsoft Internet Explorer 6.0 SP1 or above installed on your PC.



## 2 - YOUR VOIP433

### 2.1. Overview handset

#### 2.1.1 Your handset



##### Left and Right Soft keys

The functions of the soft keys are displayed right above the soft keys. The soft keys' functions are displayed as text in a box, i.e.  **MENU**, in this manual.



##### Talk & Flash Key

Use to make and receive telephone calls.  
Use to send flash signal during telephone calls.

Use to pick up call on Windows Live Messenger.



##### Off & Exit Key

Use to end a call.

Use to deny Windows Live Messenger calls.

Use to exit menus.

Use to turn the handset on/off.



##### Rock Key

Use to navigate the menus.

Use to view PHONEBOOK by pressing up or down during standby mode.

Use to view DIALED call log by pressing left or right during standby mode.



##### Star & Key lock Key

Use to enter \*.

Use to lock the keypad.



##### Pound, Ringer Off & Pause Key

Use to enter a pause.

Use to turn the ringer on/off.



##### Calls/Handsfree Key

Use to enter the call record menu.

Use to turn handsfree on/off during a call.



##### Volume Key

Adjust the volume.



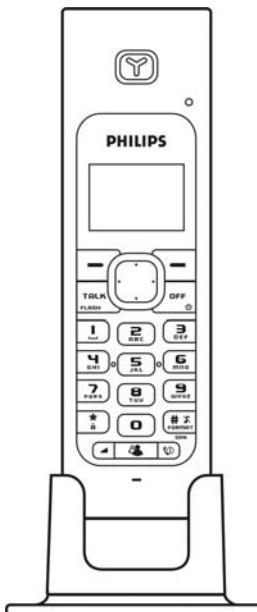
##### Contact List Key

Use to launch Contact List.

##### LED

Blinks when there is an incoming call.

Blinks normally when there are messages waiting.



### 2.1.2 Icons on your display

	Base/Handset link		Message Waiting Indicator
	Telephone call in progress		Keylock
	Battery full; 1/2 full; Empty, please charge.		Volume/Contrast level
	Loudspeaker		Name
	Alarm clock		Number
	Ringer off		Internal Melody
	Telephone Melody		Mode
	Windows Live Messenger Melody		Contrast
	Volume		Email Waiting
	Windows Live Messenger voicemail		

### 2.2. Overview base station



#### Page Key

Use to page the handset.

Use to register a handset.



Steady on when the base is powered up.

Blinks normally when there is an incoming landline call or on a landline call.



Blinks slowly while paging the handset.

Blinks quickly during registration mode.



Steady on when the USB is plugged in and the base is powered up.

### 2.3. Main features

#### - Contact list



- Login to Windows Live Messenger via the handset.
- Contact list display on handset
- Windows Live Messenger status display
- Windows Live Messenger status display for each address on the contact list.
- Change your online status using the handset.

#### - Dual line phone

- Able to receive calls from Windows Live Messenger as well as from telephone line.
- User selectable melodies for each line for easy recognition.
- Call waiting alert when there is another incoming call from another line.
- Able to make calls using both lines at the same time with two handsets.

## 2.4. Connect

You may find in the box the line adaptor delivered separately from the line cord. In this case, please first plug this line adaptor onto the line cord before connecting it to the line socket.

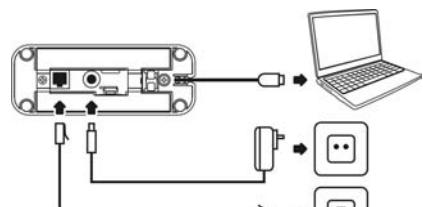
- The customer must put the product on the charger for 24 hours minimum **in all cases for the first use**.
- Charging batteries for 24 hours

1. Connect the output plug of the base adapter to the adapter socket on the back of the base unit and the base adapter to the wall main supply.

2. Connect the USB plug directly to your PC's USB slot.

3. Connect the telephone line cord to the phone socket on the back of the base unit and to the wall phone socket.

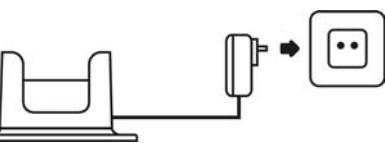
4. Each handset comes with a charger and an adapter for the charger. Connect the output plug of the charger adapter to the adapter socket on the back of the charger and the charger adapter to the wall main supply.



5. To remove the battery compartment, unlock the battery door lock at the bottom of the handset.

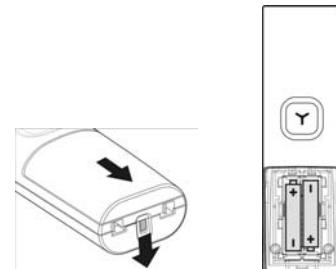
6. Place the 2 rechargeable NiMH AAA batteries (included), observing their polarities, into the battery compartment on the handset.

7. Slide the battery door firmly into place. Lock the battery door lock.

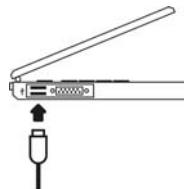


8. Place the handset on the charger and let the batteries continuously charge for 24 hours before using. The handset may get warm during the initial charge. This is normal.

9. Please note that handset may not turn ON for up to 15 minutes if the batteries are low.



## 2.5. Install



### 2.5.1 Getting Ready

To start making Windows Live Messenger call,

1. Power up your base and your PC.

2. Connect your base's USB plug to a free USB port of your PC. Login to your Windows Live Messenger account.

3. Once your handset is powered up, you will see WELCOME message on the display. Press any key to enter the Country Menu.

4. From the Country Menu, press **Up** and **Down** to select the country you are located at. Press **OK** to confirm. Your phone will reset after **OK** is pressed.

5. Your phone is ready for use. Press **Speaker** to launch your Windows Live Messenger contact list.

**Note:** The range of this handset is 300 m outdoor and 50 m indoor. An out of range warning will be emitted and **Y** will be flashing on the display if you move too far away from the base unit during a call. You will need to move closer to the base unit or your call will be disconnected.

## 2.6. Main menu

### 2.6.1 Main menu

Display	Settings
Clock	Baby Call
Time Format	Auto answer
Handset Name	Alarm Clock
Contrast	Timer
Language	Stopwatch
Wallpaper	Dial mode
Color	Flash
Sounds	Pause
Handset	Area Code
HS Key Tones	
HS Tones	

System
Register
Base Select
Delete HS
Reset

## 2.6.2 Call records menu (Refer to section 3.6 – Call Record for details)

Missed	Received
Use Number	Use Number
Details	Details
Use Number	Use Number
List	List
To Phonebook	To Phonebook
Delete	Delete
To Phonebook	To Phonebook
Delete	Delete
Dialed	Call Timers
Use Number	Last Call
Details	Dialed
Use Number	Received
List	All Calls
To Phonebook	Clear All
Delete	
To Phonebook	
Delete	
Delete Calls	
Missed	
Dialed	
Received	
VMWI	
All Calls	

## 2.6.3 Phonebook

Phonebook
View
Use Number
Details
Edit
Delete
Add Entry
Quick Dial
Status
Delete All

In menu mode, press  anytime or place your phone in the charger for charging to exit the menu and return to standby. Any unconfirmed changes will not be saved.

## 3 - CALL

### General Information

Before any call is made, please note the following.

#### Emergency Calls

Windows Live Messenger does not support emergency call; please make sure you have other alternatives in case of emergency. Use your landline to make emergency call in case of emergency. For your VOIP433, emergency call can only be made in local mode

- While in PC mode,
  - Press  to exit PC mode. You will be returned to the local standby mode.
  - Dial the emergency number and press 
- While in local mode. simply dial the emergency number and press 

#### Low battery warning

If your phone is almost out of battery during a call, it will sound an alert tone. Place your phone on the charger for charging as soon as possible or it would turn off when it is out of battery. Placing the phone on the charger for charging will end the current call.

#### Call timer

The call timer shows the duration of your current call on display. It is shown in minutes and seconds (MM-SS) in the first hour. After that, it will be shown in hours and minutes (HH-MM). This applies to landline calls only.

### 3.1. Sign in to your Windows Live Messenger account

1. Press  If you have not sign in yet, the Sign In screen should be shown.
2. A list of Messenger users on PC with saved passwords will be shown.
3. Press **Up** or **Down**  to select the Messenger ID to sign in to. Press **SIGN IN**.
4. Once signed in, the contact list of the signed in user will be shown.

**Note:** Before you sign in to your Windows Live Messenger account, your telephone line will still be working as long as the base is power up and the phone line cord is connected to the phone socket. However, you will not be able to receive any call from Windows Live Messenger before you sign in Windows Live Messenger.



#### Windows Live Messenger Menu

After you sign in to Windows Live Messenger, you can access the Windows Live Messenger menu by pressing the **MENU** softkey. In this menu, you can change your online status, sort your contact list, download phonebook to your handset, and more.

### 3.2. Make an Windows Live Messenger call

1. Press . The contact list should be shown.
2. Press **UP** and **DOWN**  to select the Windows Live Messenger user you would like to call.
3. Press **Select** to select the contact.
4. Press **Up** or **Down**  to select the user's Messenger ID.
5. Press **Call PC** to call the user.

#### Answer a call from Windows Live Messenger

When you receive a call from the Windows Live Messenger line, the Windows Live Messenger melody will ring and the messenger ID will be shown on the display.

 Press  to answer the call.

#### End a Windows Live Messenger call

 Press  or place the phone on the charger will end the call and return the phone to standby.

#### Deny a Windows Live Messenger call

To deny an incoming Windows Live Messenger call, press  when the call is received on the handset.

### 3.3. Make a Telephone call

#### Call from telephone line

1. Press  to obtain the line; a dial tone should be heard.
2. Enter the number to dial.

#### Pre-dial

1. Enter the number you want to call. The number will appear on the display. You can enter up to 20 digits.
2. Press  to dial the number.

#### Entering a pause

Press and hold   where you want to enter a pause.

#### Off Hook Phonebook Dialing/Chaining Dialing

You can dial out numbers from the phonebook after you have seized the phone line or on a call. And there is no limit to the number of times chain dialing is accessed.

1. During off hook, press **OPTIONS**.
2. Select **PHONEBOOK** from the option list and press **OK**.
3. Press **UP** and **DOWN**  to browse the phonebook. Press **Details > Dial** to call.

#### Call from the handset phonebook

1. During standby, press **UP** or **DOWN**  to enter the handset phonebook.
2. Select **VIEW**, the entries should be shown.
3. Press **UP** or **DOWN**  to select the entry to call.
4. Press **OPTIONS > DETAILS**.
5. Press  to call the selected entry.

#### Call from the Contact List

1. Press  to enter the contact list.
2. Press **UP** and **DOWN**  to select the entry to call. Press **Select** to see the contact's detail.
3. Select the phone number of the entry. Once a phone number is selected, press **Phone** to call the phone number thru the landline.

#### Answer a call

If the incoming call is from the landline, the landline melody will ring and  will flash in the display.

1. Press  to answer the call.

#### When there are two incoming calls from both lines at the same time

Both Caller ID and Messenger ID will be shown on the display. Two keys, **STD** and **PC** will be shown. Press the respective keys to pick up either call. Press the  to pick up the first incoming call.

#### End a call

Press  or place the phone on the charger will end the call and return the phone to standby.

#### Quick dialing

You can assign frequently dialed number from the phonebook to keys on the handset. Once assigned, press and hold the key on the handset during standby will dial the stored number. The number will be dialed using your landline.

For details on assigning quick dialing numbers, please refer to section 3.5 – Assign a quick dial key.

#### Flash

While on a call, you can use the flash function to make a second outgoing call or receive a second incoming call. Press  when a call waiting tone is heard and caller ID information is shown on the display.

#### Second Calls on your landline

In order to receive or make second calls on your landline, you have to subscribe to the call waiting service from your local service provider.

#### Second incoming call from the other line

You will be able to receive second incoming call from the other line (i.e. receive a telephone call while on a Windows Live Messenger call). A special call waiting tone will be heard and the caller ID will be shown on the display.

To pick up the call on the other line, press the respective softkey.

#### 3.4. Call in progress

Set the earpiece volume during a call

You can increase or decrease the volume of a caller's voice during a call. There are 5 volume levels for selection.

To adjust the volume, during a call:

1. Press . The display shows the current volume level. Press  again to increase the volume. When the volume is already at the maximum level, press  will return to the minimum level.

#### Microphone mute

During a call, if you wish to speak to someone privately without having the caller hear your conversation,

1. Press **MUTE**: the caller cannot hear you, but you can hear the caller.
2. Press **UNMUTE** again to communicate with your caller again.

#### Hands free call

Handsfree provides the convenience of talking to the caller without holding onto the phone. You can communicate by using the speaker/microphone/headset of the phone. Handsfree also allows others in the room to be involved in the conversation if you are not using the headset.

If you want to use the phone's speaker, during a call,

1. Press the .

You can hear the caller over the loudspeaker and you can speak via the microphone.  will appear on the display.

If you want to use the headset,

1. Plug in the headset to the headset jack at the side of your phone. You can hear the caller from the earpiece of the headset, and you can speak via the headset's microphone. A headset using a 2.5mm plug can be used.
2. Unplug the headset to end handsfree.

#### Setting the volume during a handsfree call

1. While the phone is off hook, press . The display shows the current volume level. Press  again to increase the volume.

#### 3.5. Phonebook

You can use your phonebook to manage your phone entries.

Your phonebook can store 100 records. Each record can store a name with up to 10 characters and a number with up to 20 digits.

Entries in the handset's phonebook will be available only in local mode; it is not available while the user is in PC mode.

**Note:** You can download your friends' phone numbers from your Windows Live Messenger phonebook to your handset. Please note that after download, all previously stored records on the handset will be erased and some records that are not on the Windows Live Messenger phonebook will be overwritten.

To download the phone numbers from Windows Live Messenger, press  to enter PC mode and press the MENU key. Press **UP** and **DOWN**  to select DOWNLOAD from the menu. Follow the on screen instruction to download the phone numbers from Windows Live Messenger.

##### Add entry in phonebook

To add an entry to your phonebook,

1. Press **UP** or **DOWN**  to enter the phonebook menu. Select ADD ENTRY and press **OK**.
2. Enter the name of the entry; this name should be unique from the other phonebook entries. Press **DOWN** to move to the next line.
3. Enter the number for this entry. Press **DOWN** to select the VIP melody.
4. Press **LEFT** or **RIGHT**  to select a special melody for this entry. Select OFF if you do not want to assign a special melody for this entry.
5. Press **SAVE** to save the entry.

##### VIP melody

A VIP melody is a melody you can select for a special person. Your phone will ring the selected VIP melody when the calling number has an exact match as the one in your phonebook.

##### Memory full

If your phonebook is full, FULL is displayed. You have to delete some records before entering new ones.

##### Entering a pause

Press and hold  where you want to enter a pause.

##### Duplicate name

You cannot enter an identical name for two different records in your phonebook. If so, DUPLICATE NAME REPLACE? is displayed. Press **OK** to replace the existing record with the new entry or press **CANCEL** to return to the previous display and make changes to the name.

##### Edit phonebook entry

1. Press **UP** or **DOWN**  to enter the phonebook menu. Select **VIEW** to see the list of entries.
2. Press **UP** or **DOWN**  to find the entry you want to edit. Press **OPTIONS** to enter phonebook entry menu.
3. Press **UP** or **DOWN**  to select **EDIT** and press **OK**.
4. Press **UP** or **DOWN**  to move between the name, number and VIP melody fields. Press **LEFT** or **RIGHT**  to move between the alphanumeric characters within the name and number field, or browse the VIP melodies in the VIP melody field.
5. Press **SAVE** when finished editing.

#### Delete phonebook entry

1. Press **UP** or **DOWN**  to enter the phonebook menu. Select **VIEW** to see the list of entries.
2. Press **UP** or **DOWN**  to find the entry you want to delete. Press **OPTIONS** to enter phonebook entry menu.
3. Press **UP** or **DOWN**  to select **DELETE** and press **OK**.
4. Press **OK** when **CONFIRM?** is shown.

#### Phonebook record search by letter

1. Press **UP** and **DOWN**  to enter the phonebook menu. Select **VIEW** and press **OK**.
2. Press the first letter of the record you want to find.

#### Quick dial to entries in your phonebook

**Note:** Quick dial is available only when you are in local mode and once you have downloaded the phonebook from Windows Live Messenger, all quick dial keys will be reset.

#### Assign a quick dial key

Press **UP** or **DOWN**  to enter the phonebook menu. Select **QUICK DIAL** and press **OK**. The first quick dial key is displayed.

Press **UP** or **DOWN**  to scroll to the quick dial key you wish to use. When no number is assigned to the quick dial key, the display shows **EMPTY**. To assign a number, press **SELECT**, and then go to step 6.

The display shows a list of entries in your private phonebook

Press **UP** or **DOWN**  to select the entry you wish to use. Press **DETAILS**. The display shows the details of the entry that you selected. Press **OK** to confirm. Press **CANCEL** to return to the phonebook menu.

Change a quick dial key

1. Press **UP** or **DOWN**  to enter the phonebook menu.
2. Select **QUICK DIAL** and press **OK**. The first quick dial key is displayed.
3. Press **UP** or **DOWN**  to scroll to the quick dial key entry you wish to use.
4. If there is already a number assigned to the quick dial key, the display shows the name and number of the entry. Press **OPTIONS**. Press **UP** or **DOWN**  to select **CHANGE**. Press **OK**.

5. The display shows a list of entries in your private phonebook
6. Press **UP** or **DOWN**  to select the entry you wish to use.
7. Press **DETAILS**. The display shows the details of the entry that you selected. Press **OK** to confirm.
8. Press **CANCEL** to return to the phonebook menu.

#### Delete a quick dial key

1. Press **UP** or **DOWN**  to enter the phonebook menu.
2. Select **QUICK DIAL** and press **OK**. The first quick dial key is displayed.
3. Press **UP** or **DOWN**  to scroll to the quick dial key entry you wish to delete.
4. Press **OPTIONS**. Press **UP** or **DOWN**  to select **DELETE**. Press **OK**.
5. **CONFIRM?** is displayed. Press **OK** to confirm.
6. Press **CANCEL** to return to the phonebook menu.

#### How much space is still available in my phonebook?

Your phone keeps track of how much memory you have used and how much is still available in your phonebook.

1. Press **UP** or **DOWN**  to enter the phonebook menu.
2. Select **STATUS** to display free memory and used memory and press **OK**.
3. Press **OK** to return to the phonebook menu.

#### 3.6. Call Records

Your phone keeps a record each time you make, receive or miss a call. You can access a list of the last 20 calls that you have missed, the last 10 calls you have received, and the last 10 dialed numbers you have dialed. Each record stores a name up to 12 characters and a 20 digits number.

For missed and received calls, the call records will automatically be stored only if you have subscribed to caller ID service from your local Telephone line service provider. Calls made thru Windows Live Messenger in PC mode will not be logged.

If you have more than one handset, each handset has its own call list.

#### Call Record Information

1. Press the  key. Press **UP** or **DOWN**  to select **DIALED**, **MISSED** or **RECEIVED** call list. Then press **OK**.
2. Press **UP** or **DOWN**  to browse the call records.
3. Press **OPTIONS** and select **DETAILS** to view the call record information.

**Note:** The caller ID will be formatted according to the local area code entered in the **AREA CODE** menu. If the number is not formatted correctly, Flash/Format buttons lets you change the format of the displayed number. Long distance code "1" will be added to out of area numbers so that a call can be returned to the number correctly.

Number of digits	Explanation	Example
11 digits	Long distance code "1" + 3-digit area code + 7 digit telephone number	13175551234
10 digits	3-digit area code + 7 digit telephone number	3175551234
7 digits	7-digit telephone number	5551234

#### Copy call list entry in the phonebook

To save the phone number of your family, friends, and colleagues, you can save the call records to your phonebook if you do not already have their contact information.

While you are viewing the call record information (refer to Call Record Information section above),

1. Press **UP** or **DOWN**  to select the number to save.
2. Press **OPTIONS**.
3. To save it to your phonebook, select TO PHONEBOOK.
4. Enter a name for this entry; press **DOWN** to move to the next field.
5. Edit the number if necessary; press **DOWN**.
6. Press **LEFT** or **RIGHT**  to select a VIP melody for the entry if necessary. Press **SAVE** when finished to save the entry.

**Note:** The call record is now saved into the phonebook. The call record is still in your call list but it will show the new name entered.

#### Delete call list entry

You can delete each individual call records one at a time. To delete a record:

1. While viewing the call record (refer to Call Record Information section above), select the entry to delete and press **OPTIONS**.
2. Press **UP** or **DOWN**  to select DELETE. Press **OK**.
3. Press **OK** to confirm.

#### Delete all the call list entries

You can delete all the call records lists at once. To delete all call records list:

1. From standby mode, press  to enter Call Record menu.
2. Press **UP** or **DOWN**  to select DELETE CALLS. Press **OK**.
3. Press **UP** or **DOWN**  to select the call list to clear; if you want to delete all the call records, select ALL CALLS. Press **OK** to delete the selected call list.
4. Press **OK** to confirm.

#### Re-dial

You phone stores the last 10 numbers you have dialed. If you have more than one handset, each handset has its own dial list.

1. Press **LEFT** or **RIGHT**  to access the dialed list; the list of dialed numbers will be shown.
2. Press **UP** or **DOWN**  to scroll through the last 10 dialed numbers.
3. Select the dialed number you want to redial and press  to dial the number.

#### Record a number from dial list

1. Press **LEFT** or **RIGHT**  to enter the DIALED list.
2. Press **UP** or **DOWN**  to select the dialed list entry that you want to save.
3. Press **OPTIONS**. Press **DOWN** to select TO PHONEBOOK and press **OK**.
4. Enter a name for this record. Press **DOWN** to the number field.
5. Edit the number if necessary. Press **DOWN** to the Melody field.
6. Press **LEFT** or **RIGHT**  to select a VIP for this entry if necessary.
7. Press **SAVE** to save the entry.

#### Matching your phonebook record

If a dialed number matches a phone number stored in the phonebook, that phonebook name will be displayed instead of the dialed number.

**Note:** The record is now saved into the phonebook. The dial record is still in your dial list but it will show the new name entered.

#### Delete last numbers dialed

You can delete each individual dialed record one at a time.

1. While viewing the dialed record that you want to delete, press **OPTIONS**.
2. Press **UP** or **DOWN**  to select DELETE. Press **OK**.
3. Press **OK** to confirm.

#### Delete last numbers dialed list

Instead of deleting the records one by one, you have this option to delete the entire dialed list.

1. From standby mode, press  to enter Call Records menu.
2. Press **UP** or **DOWN**  to select DELETE CALLS. Press **OK**.

3. Press **UP** or **DOWN**  to select DIALED. Press **OK** to delete.
4. Press **OK** to confirm.

### 3.6.1 Other Features

#### Lock keypad

Keypad can be locked to prevent accidental key press. When the keypad is locked, you can still answer an incoming call by pressing the  **TALK** key. During the call, the keypad is active. When the call is ended, the keypad will be locked again.

1. Press and hold  during standby. When locked,  will appear on the display.
2. Press the **UNLOCK** key to unlock the keypad. Press **OK** to confirm.

**NOTE:** When a call comes in, your keypad will become active. When you end the call, your keypad will be locked again.

#### Paging

You can locate the handsets by using this feature.

1. Press the  key on the base.

**Note:** All handsets registered to the base will produce the paging tone for 30 seconds and the screen displays PAGING.

If an external call comes in, all the handsets will stop paging, and play the external call melody.

#### Stop the paging

You can stop the paging by pressing the **STOP** softkey or **END** key on each handset or pressing the  key on the base again.

#### Not ringing?

A handset will not play the paging melody if it is powered off or in mode other than standby mode; however, all the other handsets will still ring.

#### CID first ring suppression

If you have subscribed for CallerID service, your phone will suppress the first ring before the CID. After resetting, first ring suppression will be deactivated. Your phone will automatically detect if CID service is subscribed after the first call. If CID service is detected, your phone will start suppressing the first ring after the first call.

**Note:** Once first ring suppression is activated, the first ring before CID will be suppressed even after you have unsubscribed the CID service. If you have unsubscribed the CID service and do not wish to have the first ring suppressed, please power recycle the base.

#### Switch on/off the handset

1. To switch off your phone, press and hold  while the phone is on.
2. To switch on the power of your phone, press  or return the handset to the charger; the handset should be automatically turned on.

#### Personalizing your sounds

You can assign different ringing melodies for each handset at different volume levels. You can select a different ringtone for Windows Live Messenger, Telephone and intercom calls.

Selecting your handset's ringing volume/melody  
Press the **MENU**.

Press **UP** or **DOWN**  to select **SOUNDS** and press **OK**.  
Select **HANDSET** and press **OK**.

Press **LEFT** or **RIGHT**  to adjust the ringer volume. Press **DOWN** to select the Telephone line melody.

Press **LEFT** or **RIGHT**  to select a melody for the telephone line; press **DOWN** to select the Windows Live Messenger line melody.

Press **LEFT** or **RIGHT**  to select the Windows Live Messenger line melody; press **DOWN** the select the internal line.

Press **LEFT** or **RIGHT**  to select the internal line.  
Press **OK** to save the settings.

#### Shortcut for turning handset ringer on/off

*You can use this shortcut to turn on/off the handset ringer.*

Press and hold the  key.

**Note:**  appears to indicate the ringer is turned off. The handset will not emit any sound for any incoming call.

#### Set key tones on/off

Press **MENU**.

Press **UP** or **DOWN**  to select **SOUNDS** and press **OK**.

Press **UP** or **DOWN**  to select **HS KEY TONES** and press **OK**.

The current setting will be shown. Press **UP** or **DOWN**  to select ON or OFF.  
Press **OK** to save the settings.

#### Rename handset

You can give your phone a different name. If you have more than one handset, you can give each handset its own name.

The handset name can be up to 10 characters long and it can be composed of A-Z, 0-9, and space.

Press **MENU**.

1. Press **UP** or **DOWN**  to select **DISPLAY** and press **OK**.

2. Press **UP** or **DOWN**  to select **HANDSET NAME** and press **OK**. The current handset name is displayed.

3. Edit the handset name.

4. Press **OK** to save the settings.

#### Set date & time

Once the base is powered up and connected to the PC, your handset will obtain the current time from the PC.

However, you can still adjust the clock manually.

To adjust your clock:

1. Press **MENU** during standby.
2. Press **Up or Down**  to select **DISPLAY**, and then press **OK**.
3. Press **Up or Down**  to select **CLOCK**, and then press **OK**.
4. Press **Left or Right**  to change the **HOUR**, and then press **Down**.
5. Press **Left or Right**  to change the **MINUTE**.

If you set the time format of your clock to 12 hours, go to step 6. If you set it to 24 hours, go to step 7.

6. Press **Down**. Press **Left or Right**  to select **AM/PM**.
7. Press **OK** to confirm.

Set the clock to 12 hours/24 hours

To change your phone's time format:

1. Press **MENU**.
2. Press **Up or Down**  to select **DISPLAY**. Press **OK**.
3. Press **Up or Down**  to select **TIME FORMAT**. Press **OK**.
4. Press **Up or Down**  to select **12 HOURS** or **24 HOURS**.
5. Press **OK** to confirm.

Setting the alarm clock

Setting your alarm time

1. Press **MENU**.
2. Press **Up or Down**  to select **SETTINGS**. Press **OK**.
3. Press **Up or Down**  to select **ALARM CLOCK**. Press **OK**.
4. Press **Up or Down**  to select **ON** or **OFF**.
5. Press **Left or Right**  to set the **HOUR**. Press **Down**.
6. Press **Left or Right**  to set the **MINUTE**.
7. Press **Down**. Press **Left or Right**  to set **AM/PM**.
8. Press **OK** to confirm.

When the alarm clock goes off,

The handset will ring for 1 minute. Press the  **OFF** key to turn off the alarm clock or the **SNOOZE** soft key to put the alarm to **SNOOZE** mode.

To set the timer

1. Press **MENU**.
2. Press **Up or Down**  to select **SETTINGS**. Press **OK**.
3. Press **Up or Down**  to select **TIMER**. Press **OK**.
4. Press **Left or Right**  to set the **HOUR**. Press **Down**.
5. Press **Left or Right**  to set the **MINUTE**. Press **Down**.
6. Press **Left or Right**  to set the **SECOND**.
7. Press **OK** to confirm. The timer starts counting and you can see the timer on display.

When the timer rings

The countdown timer will ring once it finishes counting the time you set.

1. Press **STOP**. The countdown timer will stop ringing.

**NOTE:** When the timer is ringing, if you do not press any key in 1 minute, it will stop ringing.

To use the stopwatch

1. Press **MENU**.
2. Press **Up or Down**  to select **SETTINGS**. Press **OK**.
3. Press **Up or Down**  to select **STOPWATCH**. Press **OK**.
4. Press **START**. The stopwatch starts counting.

Press **STOP**. The stopwatch stops. You can choose to reset the stopwatch or cancel the stopwatch. Press **PAUSE**. The stopwatch pauses counting. Press **RESUME** to start the stopwatch again from the paused time.

Press **CANCEL**. The stopwatch is deactivated.

Auto-answer on/off

Auto answer gives you the convenience of answering a call by just picking up the phone from the cradle or charger. You don't need to press the  **TALK** key.

1. Press **MENU**.
2. Press **Up or Down**  to select **SETTINGS**. Press **OK**.
3. Press **Up or Down**  to select **AUTO ANSWER**. Press **OK**.
4. Press **Up or Down**  to select **ON** or **OFF**. Press **OK**.

Language setting

Your phone comes with several languages. When you change your phone's language, the menus will be displayed in the chosen language.

1. Press **MENU**.

2. Press **Up** or **Down**  to select DISPLAY. Press **OK**.
3. Press **Up** or **Down**  to select LANGUAGE. Press **OK**.
4. Press **Up** or **Down**  to select the preferred language. Press **OK** to save settings.

Set dialing mode (Tone/Pulse)

Dialing mode applies only when you are making a telephone call. Your phone is by default set to tone dialing. You can switch to pulse dialing if necessary.

Press  **MENU**.

Press **UP** or **DOWN**  to select SETTINGS. Press **OK**.

Press **UP** or **DOWN**  to select DIAL MODE. Press **OK**.

Press **UP** or **DOWN**  to select TONE or PULSE dialing. Press **OK** to save.

#### Temporary tone dialing in pulse dial mode

If the dialing mode is set to pulse, you can press and hold the **\*** key to set temporary tone dialing during off hook. **d** will be displayed on the screen. All the following digits will be dialed as tones until you hang up.

### 3.7. Flash duration

Your phone comes with factory programmed flash durations. Check with your local telephone company if you are not sure which duration to use.

1. Press  **MENU**.
2. Press **Up** or **Down**  to select SETTINGS. Press **OK**.
3. Press **Up** or **Down**  to select FLASH. Press **OK**.
4. Press **Up** or **Down**  to select the desire flash duration. Press **OK**.

### 3.8. Pause duration

Your phone comes with 2 factory programmed pause durations.

1. Press  **MENU**.
2. Press **Up** or **Down**  to select SETTINGS. Press **OK**.
3. Press **Up** or **Down**  to select PAUSE. Press **OK**.
4. Press **Up** or **Down**  to select PAUSE 1 or PAUSE 2. Press **OK**.

### 3.9. Area code stripping

*This section is applicable to models with Area Code Stripping option only.*

Area code stripping removes an area code as specified by you from any incoming caller id. To activate and program the area code to be stripped:

1. Press  **MENU**.
2. Press **Up** or **Down** to select SETTINGS. Press **OK**.
3. Press **Up** or **Down** to select AREA CODE. Press **OK**.
4. Press **Left** or **Right** to select ON.
5. Press **Down**. Enter area code. Press **OK** to confirm.

### 3.10. Set display contrast

1. Press  **MENU**.
2. Press **Up** or **Down**  to select DISPLAY. Press **OK**.
3. Press **Up** or **Down**  to select CONTRAST. Press **OK**.
4. Press **Left** or **Right**  to adjust the display contrast. Press **OK** to save the desire settings.

### 3.11. Restore handset default settings

You can reset the display, sounds, and other settings of your phone. Refer to the section *Default settings*.

1. Press  **MENU**.
2. Press **Up** or **Down**  to select SYSTEM and press **OK**.
3. Press **Up** or **Down**  to select RESET and press **OK**.
4. Press **OK** to confirm.

### 3.12. Set Baby call on/off

Baby call allows you to dial out a programmed number via the telephone line by pressing any key on the handset (except the **OFF** key).

1. Press  **MENU**.
2. Select SETTINGS and press **OK**.
3. Select BABY CALL and press **OK**.
4. Press **Left** or **Right** key  to select ON.
5. Press **Down**. Enter or edit the number.
6. Press **OK** to confirm. BABY CALL is displayed when you return to standby mode.

To turn off baby call,

1. Press the **CANCEL** soft key.
2. Press **OK** to confirm.

### 3.13. Multi-handset capabilities

**Note:** You need at least 2 handsets to carry out the functions mentioned in this section

#### 3.13.1 Registering

Register a new handset to base station

Each base can register up to 4 handsets.

1. Press **MENU**.
2. Press **UP** or **DOWN**  to select SYSTEM and press **OK**.
3. Press **UP** or **DOWN**  to select REGISTER and press **OK**.
4. Press and hold the  key on the base for 4 seconds.

##### **The base is full**

If the base is full, the base would not go into registration mode. See the section of de-register handset from a base station to delete a currently registered handset.

De-register handset from a base station

A handset can un-register another handset registered to the same base. It can also un-register itself.

1. Press **MENU**.
2. Press **UP** or **DOWN**  to select SYSTEM and press **OK**.
3. Press **UP** or **DOWN**  to select DELETE HS and press **OK**.
4. Press **UP** or **DOWN**  to select the handset you would like to un-register and press **OK**.
5. Press **OK** again to confirm.

Select the base station

If your handset is registered to more than one base, you can select which base the handset will use.

1. Press **MENU**.
2. Press **UP** or **DOWN**  to select SYSTEM and press **OK**.
3. Press **UP** or **DOWN**  to select BASE SELECT and press **OK**.

4. Press **UP** or **DOWN**  to select the base to use and press **OK**.

#### 3.13.2 Using multiple handsets

**Note:** You need at least 2 handsets to carry out the functions mentioned in this section

Make an internal call

You can call someone in the house by using the intercom function on your phone.

To make an intercom call:

1. Press **INT** soft key.
2. Select the handset you want to call and press **OK** OR press the number of the handset that you want to call.

**Note:** You will hear a busy tone if the other handset is not available.

Make an internal call during an external call

While you are on an outside call, you can put the outside call on hold and make a call (inquiry call) to someone in the house.

To make an inquiry call, during an outside call:

1. Press **OPTIONS**.
2. Press **UP** or **DOWN**  to select INTERCOM and press **OK**.
3. Press **UP** or **DOWN**  to select the handset you want to call and press **OK** OR press the number of the handset that you want to call.
4. Wait for the other handset to answer your call.

**Note:** To return to the external call, press **OPTIONS** and select EXIT CONF. option and press **OK**.

Transfer an external call to another handset

Make an internal call During a Telephone call,

1. Press **OPTIONS**, select INTERCOM and press **OK**.
2. Press **UP** or **DOWN**  to select the handset you want to call and press **OK** OR press the number of the handset that you want to call.
3. Wait for the other handset to answer your call.
4. When the other handset has answered your call, press **EXIT**  or place the handset on cradle. The external call is transferred.

Or

4. When the other handset has answered your call, press **OPTIONS**, select TRANSFER and press **OK**.

Put the PC call on hold,

1. Press **HOLD**, the prompt PC CALL ON HOLD should be shown on all handsets that have a working link with the base. (see below)

MSN CALL ON  
HOLD

ANSWER INT

2. Any handset can press the ANSWER soft key to pick up the on hold call.

Make an Internal call during a Windows Live Messenger call,

1. While the Windows Live Messenger call is on hold (refer to Put the PC call on hold), press **INT** and select the handset to intercom with.
2. Talk to the user of the other handset when the intercom call is picked up.
3. To return to the PC call, end the intercom call by pressing **EXIT**.
4. If the PC call is still waiting, the **ANSWER** soft key should be available. Press the **ANSWER** soft key to pick up the on hold PC call.

Make a conference call

You can invite another handset to join a call with the external landline.

During an outside call,

1. Press **OPTIONS**. Select INTERCOM and press **OK**.
2. Select the handset you want to call and press **OK** OR press the number of the handset that you want to call.
3. When the other handset answered your call, press **OPTIONS** and select CONFERENCE. You are now in a conference call.

**Note:** Any handset hangs up during a conference call will leave the other handset still connecting with the external call.

Answer a call from the telephone line while on Windows Live Messenger call (Multi-handset)

The other handsets will ring the telephone melody.

Press **TALK** on the other handset to pick up the call.

Answer a Windows Live Messenger call while on a call on the telephone line (multi-handset case)

The other handsets will ring the Windows Live Messenger melody.

Press **TALK** on the other handset to pick up the call.

### 3.14. Menu Tree

### 3.15. Main menu

To access the main menu, press **Menu** and press **UP** and **DOWN** to browse the menu.

### 3.16. Main menu

#### 3.16.1 Main menu

<b>DISPLAY</b>	<b>Settings</b>
Clock	Baby Call
Time Format	Auto answer
Handset Name	Alarm Clock
Language	Timer
Contrast	Stopwatch
Wallpaper	Dial mode
Color	Flash
	Pause
	PBX
	Area code

<b>Sounds</b>	<b>System</b>
Handset	Register
HS Key Tones	Base Select
HS Tones	Delete HS
	Reset

#### 3.16.2 Call records menu

<b>Missed</b>	<b>Received</b>
Use Number	Use Number
Details	Details
Use Number	Use Number
List	List
To Phonebook	To Phonebook
Delete	Delete
To Phonebook	To Phonebook
Delete	Delete

<b>Dialed</b>	<b>Call Timers</b>
Use Number	Last Call
Details	Dialed
Use Number	Received
List	All Calls
To Phonebook	Clear All
Delete	
To Phonebook	
Delete	

<b>Delete Calls</b>
Missed
Dialed
Received
VMWI
All Calls

### 3.16.3 Phonebook

#### Phonebook

View  
 Use Number  
 Details  
 Edit  
 Delete  
 Add Entry  
 Quick Dial  
 Status  
 Delete All

### 3.16.4 Default Settings

Handset Name*	PHILIPS	Contrast	Level 2
Time Format	24 hrs	Wallpaper	Wallpaper 1
Clock	00:00	Auto Answer	Off
Ringer melody (Telephone)	Party	Menu Language	Language 1
Ringer melody (Windows Live Messenger)	Dring	Pause duration	Pause 1
Ringer melody (Internal)	Party	Ringer volume	Maximum
Alarm	Off	Baby Call	Off
Key tone	On	Baby Call number	Empty
Confirm tone	On	Base Select	Base 1
Countdown Timer	Off	Message waiting indication	Off
Stop watch	Off	Quick Dial	Off
Flash duration	Flash 1	Quick Dial number	Empty
PBX	Off	Keylock	Off
Dial mode	Tone	Earpiece volume	Medium
Received Call Timer	Reset	Last Call Timer	Reset
All Calls Timer	Reset	Dialed Call Timer	Reset

\*This feature/function will not be set back to default after reset.

### 3.16.5 Trouble shooting

Problem(s)	Solution(s)
No dial tone when pressing TALK 	<ul style="list-style-type: none"> <li>Make sure that the adapter, the phone cord and USB are connected properly.</li> <li>Check that the batteries are fully charged and installed properly.</li> <li>This phone does not work during power failure.</li> </ul>
Signal icon is flashing.	<ul style="list-style-type: none"> <li>Register your handset to a base.</li> <li>Move closer to the base unit.</li> </ul>
The phone does not ring.	<ul style="list-style-type: none"> <li>Make sure the adapter, the phone cord and USB are connected properly.</li> <li>Move the handset closer to the base unit.</li> <li>Turn on the ringer.</li> </ul>
When the handset is placed on the charger, no beep is heard.	<ul style="list-style-type: none"> <li>Take the handset off the charger and put it back again.</li> <li>Clean charging contacts with a clean and dry cloth.</li> <li>Turn on the handset tone from the SOUNDS Menu.</li> <li>There will be no beep if the handset's power is turned off previously.</li> </ul>

The call waiting call cannot be answered	<ul style="list-style-type: none"> <li>Check with your local phone company and select the correct Flash duration.</li> <li>End the current call, and press  again to pick up the second call.</li> </ul>
Battery icon remains empty although the handset has charged for 24 hours.	<ul style="list-style-type: none"> <li>Please contact your dealer to purchase new rechargeable battery.</li> <li>Check to make sure the battery icon is scrolling while being charged.</li> </ul>
No symbol on the display.	<ul style="list-style-type: none"> <li>Charge battery.</li> <li>Make sure the batteries are in the compartment and your handset is ON.</li> </ul>
Bad audio quality (crackles, echo, etc.)	<ul style="list-style-type: none"> <li>Install the base unit in a different room or higher location or away from other electronic appliances.</li> <li>Move closer to the base unit.</li> </ul>
Contact list returns error.	<ul style="list-style-type: none"> <li>Check if your base is connected to the PC.</li> <li>Check if Windows Live Messenger is running on the PC.</li> <li>Move the handset closer to the base if it is out of range.</li> </ul>

If the above solutions do not help, remove the power from the handset and the base and restart Windows Live Messenger. Wait for 15 minutes and try again.

### 3.16.6 Information

#### 3.16.6.1 Health & safety

This equipment is not designed to make emergency calls when the power fails. An alternative has to be made available to allow emergency calls. Do not allow the product to come into contact with liquid. Do not open it.

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

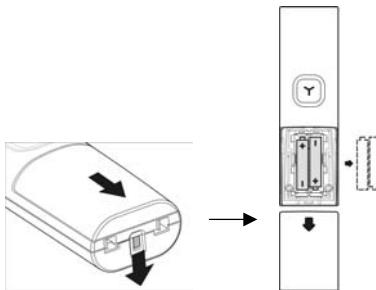
- Philips Royal Electronics manufactures and sells many consumers oriented products, which usually, as with any electronic apparatus, have the ability to emit and receive electro magnetic signals.
- One of Philips' leading Business Principles is to take all necessary health and safety precautions for 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.
- Philips is committed to develop, produce and market products that cause no adverse health effects.
- Philips confirms that if its products are handled properly for their intended use, they are safe to use according to scientific evidence available today.
- 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.

#### 3.16.6.2 Conformity

The Declaration of conformity is available on [www.p4c.philips.com](http://www.p4c.philips.com).

#### 3.16.6.3 Battery

##### 3.16.6.3.1 How to replace the battery



### 3.16.6.4 Recycling & disposal

#### Recycling and disposal

##### Disposal instructions for old products.

The WEEE Directive (Waste Electrical and Electronic Equipment; 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 give utmost protection to the environment.

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:

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

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 labelled packaging material is recyclable.

## 4 - COMPLIANCE STATEMENT

### Equipment Approval Information

Your telephone equipment is approved for connection to the Public Switched Telephone Network and is in compliance with parts 15 and 68, FCC Rules and Regulations and the Technical Requirements for Telephone Terminal Equipment Published by ACTA.

### Notification to the local telephone company

On the bottom of this equipment is a label indicating, among other information, the US number and Ringer Equivalence Number (REN) for the equipment. You must, upon request, provide this information to your telephone company.

The REN is useful in determining the number of devices you may connect to your telephone line and still have all of these devices ring when your telephone number is called. In most (but not all) areas,

the sum of the RENs of all devices connected to one line should not exceed 5. To be certain of the number of devices you may connect to your line as determined by the REN, you should contact your local telephone company.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

### Notes

- This equipment may not be used on coin service provided by the telephone company.
- Party lines are subject to state tariffs, and therefore, you may not be able to use your own telephone equipment if you are on a party line. Check with your local telephone company.
- Notice must be given to the telephone company upon permanent disconnection of your telephone from your line.
- If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this product does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

### Rights of the Phone Company

Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, where practicable, notify you that temporary discontinuance of service may be required. Where prior notice is not practicable and the circumstances warrant such action, the telephone company may temporarily discontinue service immediately. In case of such temporary discontinuance, the telephone company must :

- i. promptly notify you of such temporary discontinuance ;
- ii. afford you the opportunity to correct the situation ; and
- iii. inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in Subpart E of Part 68, FCC Rules and Regulations.

The telephone company may make changes in its communications facilities, equipment, operations or procedures where such action is required in the operation of its business and not inconsistent with FCC Rules and Regulations. If these changes are expected to affect the use or performance of your telephone equipment, the telephone company must give you adequate notice, in writing, to allow you to maintain uninterrupted service.

### Interference Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) This device may not cause harmful interference ; and (2) This device must accept and 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.

#### Noise

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

#### FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. For hand held operation, this phone has been tested and meets the FCC RF exposure guidelines. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

#### Hearing Aid Compatibility (HAC)

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

#### Privacy

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

#### Additional Information

#### I.C. Notice

#### Terminal Equipment

NOTICE : This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number : the abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

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

#### Radio Equipment

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

#### Do not attempt to repair or modify this equipment

Repairs to certified equipment should be made by an authorized maintenance facility designated by the supplier. 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.

#### Service Centers

**USA**  
 Philips Consumer Electronics  
 P.O. Box 671539  
 Marietta, GA 30006-0026  
 Phone : 1-888-Philips (744-5477)  
 Phone : 1-800-363-7278 (English)  
 Phone : 1-800-661-6162 (Français)

**CANADA**  
 Philips – Consumer Service Division  
 4977 Levy Street  
 Ville st. Lurent,  
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 Phone : 1-800-661-6162 (Français)