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Register your product and get support at

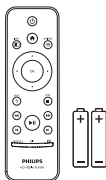
www.philips.com/welcome

HMP4000

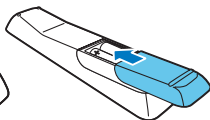
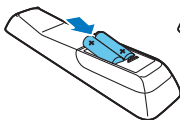
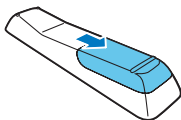


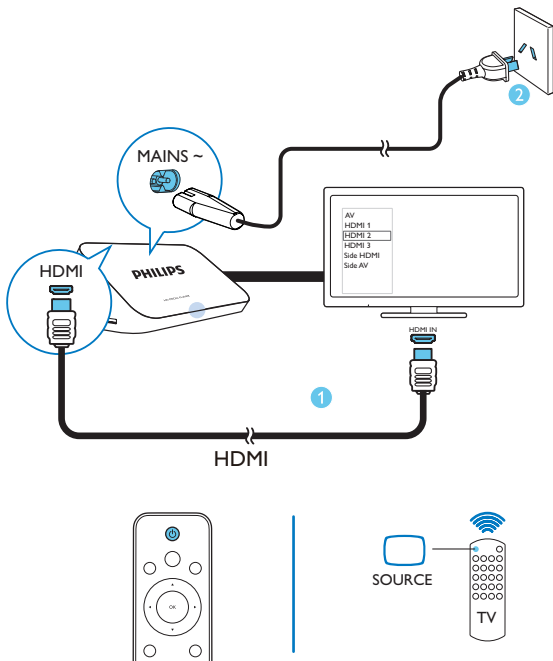
User manual

PHILIPS



2 X AAA

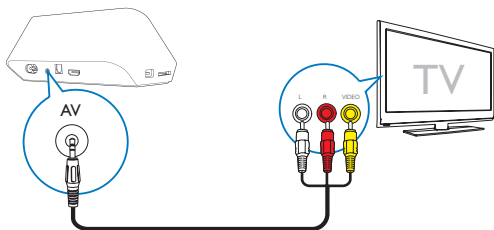




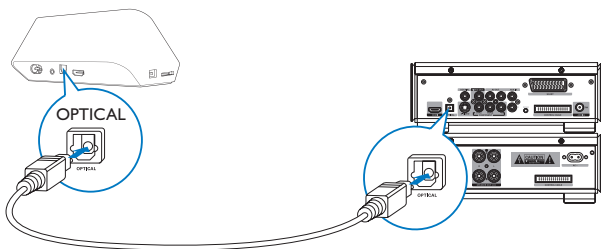
On **HMP4000**, press on the remote control to switch on.

- The power indicator lights up white

On the remote control of your TV, use the source button to select the input connector of **HMP4000**.



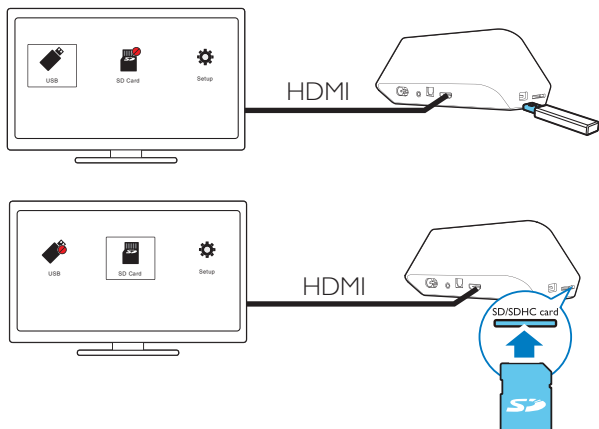
To connect to a TV through the AV cables



For high quality audio



Play from a mass storage device



When the USB device or SD/ SDHC card is recognized by **HMP4000**,  changes to  or  changes to  on the Home screen.

Contents

1	Trademark notice	9
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2	Safety and notice	10
	Safety	10
	Compliance	11
	Copyright	12
	Care of the environment	12
	Warranty	13

3	Basics	14
	Connect	14
	Switch on or off	15
	Auto standby	16
	Screen saver	16
	Use the remote control	16
	Enter text	17

4	Play	18
	Play from a mass storage device	18
	Search for media files	19
	Select play options	20
	Manage files	21
	Copy or move files and folders	21
	Delete files and folders	21

Rename files and folders	22
Create music playlists	22
Create photo albums	22
5 Setup	23
System	23
Audio	24
Video	24
6 EasyLink	24
7 Update the firmware through a USB storage device	25
8 Troubleshooting	26
9 Specification	27

1 Trademark notice



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Real RMVB logo is a trademark or a registered trademark of RealNetworks, Inc.

2 Safety and notice

Read and understand all instructions before you use this product. If damage is caused by failure to follow the instructions, the warranty does not apply.

Safety



This 'bolt of lightning' indicates uninsulated material within the device may cause an electrical shock. For the safety of everyone in your household, please do not remove the covering.



The 'exclamation mark' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: To reduce the risk of fire or electric shock, the device should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on the device.

CAUTION: To prevent electric shock, fully insert the plug. (For regions with polarized plugs: To prevent electric shock, match wide blade to wide slot.)

- Only use attachments/accessories specified by the manufacturer.
- Use only power supplies listed in the user manual.
- The product shall not be exposed to dripping or splashing.
- Do not place any sources of danger on the product (e.g. liquid filled objects, lighted candles).
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

Modification of the product could result in hazardous radiation of EMC or other unsafe operation.



Warning

- Never remove the casing of this product.
- Never lubricate any part of this product.
- Never place this product on other electrical equipment.
- Keep this product away from direct sunlight, naked flames or heat.
- Ensure that you always have easy access to the power cord, plug or adaptor to disconnect the product from the power.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Compliance



This product complies with the radio interference requirements of the European Community.

Class II equipment symbol:



CLASS II apparatus with double insulation, and no protective earth provided.

Any changes or modifications made to this product that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.



- The type plate is located on the bottom of the product.

Copyright

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners. Philips reserves the right to change products at any time without being obliged to adjust earlier supplies accordingly.

Care of the environment

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, and old equipment.



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



When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC.

Please inform yourself about the local separate collection system for electrical and electronic products.

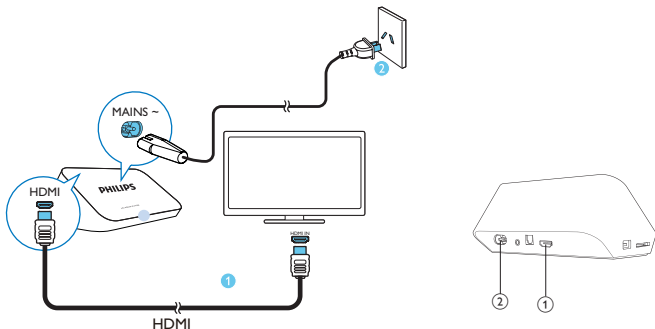
Please act according to your local rules and do not dispose of your old products with your normal household waste. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

Warranty

- Never attempt to repair the product, this could lead to the risk of injury, damage to the product and will void your warranty.
- Use the product and accessories only as intended by the manufacturer. The caution sign printed on the back of the product indicates risk of electric shock.
- Never remove the cover of the product. Always contact Philips Customer Support for service or repairs.
- Any operation expressly prohibited in this manual, or any adjustments and assembly procedures not recommended or authorized in this manual shall void the warranty.

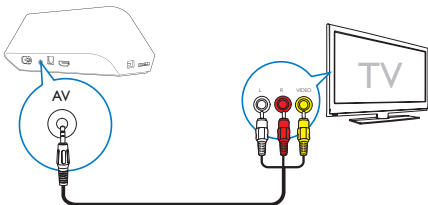
3 Basics

Connect



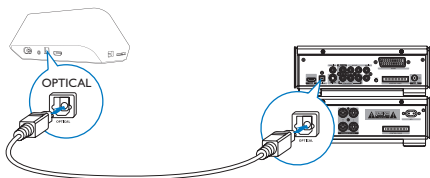
- ① **HDMI connector for audio/ video output**
 - Connects to a high-definition TV (HDTV) through an HDMI cable
- ② **Power connector**
 - Connects to power supply through the AC power cord

To connect to a TV through AV cables



- Through **AV**, use the supplied AV cable to connect **HMP4000** to a TV.
- Make sure that the plugs and sockets match in color.

For high quality audio



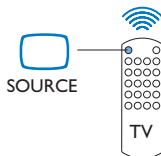
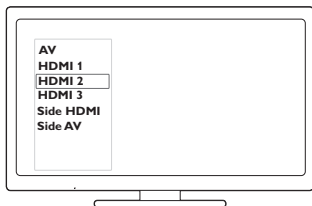
- Through **OPTICAL**, use a fiber optical cable to connect **HMP4000** to the **OPTICAL** or **SPDIF** input connector on an audio/video system.

Switch on or off

- 1 On **HMP4000**, press  on the remote control to switch on.
↳ The power indicator lights up white.



- 2 On the TV, switch to the input connector of **HMP4000**:
 - On the remote control of your TV, use the source button to select the input channel of **HMP4000**.



- 3 To switch **HMP4000** to standby mode, press  again on the remote control.
↳ The power indicator lights up red.
-

Auto standby

From the Home screen, go to  [Setup] > [System] to switch on [Automatic Standby]

If there is no button press or media play on **HMP4000** for 15 minutes, **HMP4000** switches to standby mode automatically.

Screen saver

From the Home screen, go to  [Setup] > [System] to switch on [Screen Saver Delay].

If there is no button press or media play on **HMP4000** for a selected time duration, the screen saver is activated. To exit the screen saver, press any button on the remote control.

Use the remote control

Switch **HMP4000** on or to standby mode

- Press 

Navigate between screens or through options



- Return to the Home screen



- Navigate through options

OK

- Confirm the option



- Back one level or exit

View options menu for media play or file navigation

- Press  OPTIONS

Control the play



- Start, pause, or resume the play



- Stop the play



- Skip to the previous/ next media file



- Search backwards or forwards within current file
- Press repeatedly to select a search speed



- Rotate a photo



- Display the information about current file during play



- Press repeatedly to select aspect ratio, or zoom in or out. To pan through an enlarged photo, press



SUBTITLE

- Access subtitle options

Remove the connected USB device safely

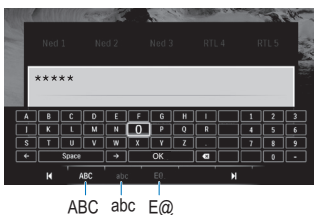
- Press and hold  and select the option

Manage files/folders underon the connected storage devices

- Press **EDIT**

Enter text

With the onscreen keyboard, use the remote control to enter text.



Select input modes

- Press **◀/▶** on the remote control.
 - ➔ On the onscreen keyboard, current input mode is highlighted.
- ABC**: English input in the upper case

abc : English input in the lower case

E@ : symbols

Enter text

- 1 On the remote control, press **▲ ▼ ◀ ▶** to move to a key, press **OK** to select the letter or symbol.
- 2 On the onscreen keyboard, select the input options by using the remote control:
← / → : Move the cursor to the left or right.
<X> : Delete the entry before the cursor.
- 3 When the text entry is complete, select **OK** on the onscreen keyboard to exit.

4 Play

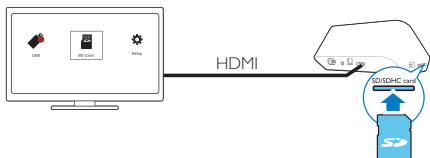
On the HDTV, enjoy media play from a mass storage device, including:

- a USB mass storage device,
- an SD card, or
- an SDHC card.

Play from a mass storage device

- 1 Connect your mass storage device to **HMP4000**:
 - For a USB mass storage device, connect to **USB** on **HMP4000**.
 - Insert an SD/ SDHC card to the **SD** slot.





- ↳ When the USB device is recognized by **HMP4000**,  changes to  on the Home screen.
- ↳ When the SD/ SDHC card is recognized by **HMP4000**,  changes to  on the Home screen.

2 On the Home screen, select or .

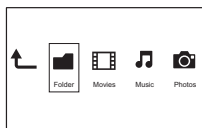
- ↳ Media files are sorted as follows:

[Folder]: Display all the files/ folders.

[Movies]: Display movie files.

[Music]: Display music files.

[Photos]: Display photo files.



3 Select a file to start play.

Search for media files

- In the list of files or folders, press **≡ OPTIONS** to select your options:
 - In **[Folder]**:
 - To display files in different views,
 - Select **[Thumbnails]**, **[List]**, or **[Preview]**.
 - To show files by media type,
 - Select **[All Media]**, **[Movies]**, **[Photos]**, or **[Music]**.
 - In **[Movies]**, **[Music]**, and **[Photos]**:
 - To search for a file by keyword,

- Select **[Search]**. Enter the keyword on the onscreen keyboard (see 'Enter text' on page 15).
- To sort files in different ways,
- Select **[Sort Order]**.
- To go to the folder view,
- Select **[Go to Folder]**.

Select play options

- 1 During play, press **≡ OPTIONS** on the remote control.
- 2 Press **▲▼◀▶** to select an option. Press **OK** to confirm.

For videos,

[Subtitle]: Select a subtitle language

[Audio]: Select an audio language

[Night Mode]: (for audio encoded in Dolby Digital): Makes loud sound level softer and soft sound level louder so that you can enjoy videos at a low volume, without disturbing others.

[GOTO]: Skip to the specific time, title, or chapter.

[Repeat Title]: Repeat current title.

[Repeat All]: Repeat all the files.

[Repeat Off]: Switch off the repeat mode.

[Video Setting]: Select display options.

For music,

[Repeat Off]: Switch off the repeat mode.

[Repeat One]: Repeat current file.

[Repeat All]: Repeat all the files.

[Shuffle Loop]: Play all the files in random order.

For photo slideshow,

[Slide Timing]: Set the time interval before one slide switches to another.

[Slide Transition]: Set the transition mode between two slides.

[Repeat Off]: Switch off the repeat mode.

[Repeat All]: Play photos in current folder repeatedly.

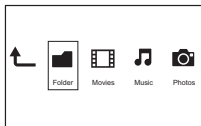
[Shuffle Loop]: Play photos in current folder in random order.

[Background Music]: Play a music file during the slideshow.

[Video Setting]: Select display options.

Manage files

On **HMP4000**, select  or  on the Home screen. Go to **[Folder]**, and you can manage files on the connected storage devices.



Copy or move files and folders

- 1 In **[Folder]**, select a file or folder in the list of files/ folders.
To select multiple files,
 - ① On the remote control, press **EDIT**.
↳ A list of options is displayed.
 - ② Select **[Multiple Select]**.
↳ A file list is created for you to add files or folders.
 - ③ Press **▲ / ▼** to select a file or folder. Press **▶||** to confirm.
- 2 On the remote control, press **EDIT**.
- 3 On the pop-up list of options, select **[Copy]** or **[Move]**.
- 4 Select a folder as the destination. Press **▶||** to confirm.
↳ The selected files or folders are copied or moved to the destination.

Delete files and folders

- 1 Follow Step 1-3 under "Copy or move files and folders" (see 'Copy or move files and folders' on page 19).
- 2 On the pop-up list of options, select **[Delete]**.
↳ The selected files or folders are deleted.

Rename files and folders

- 1 In **[Folder]**, select a file or folder in the list of files/ folders.
- 2 On the remote control, press **EDIT**.
- 3 On the pop-up list of options, select **[Rename]**.
- 4 On the pop-up onscreen keyboard, edit the file/ folder name (see 'Enter text' on page 15).

Create music playlists

You can create playlists for music files you want to play together.

- 1 In **[Folder]**, select music files.
 - ① On the remote control, press **EDIT**.
↳ A list of options is displayed.
 - ② Select **[Multiple Select]**.
↳ A file list is created for you to add files.
 - ③ Press **▲ / ▼** to select a file. Press **▶ ||** to confirm.
- 2 On the remote control, press **EDIT**.
- 3 On the pop-up list of options, select **[Save Playlist]**.
- 4 Name the playlist as needed.
↳ A music playlist is created.

Create photo albums

You can create photo albums for picture files.

- 1 In **[Folder]**, select picture files.
 - ① On the remote control, press **EDIT**.
↳ A list of options is displayed.
 - ② Select **[Multiple Select]**.
↳ A file list is created for you to add files.

- ③ Press ▲ / ▼ to select a file. Press ►|| to confirm.
- 2 On the remote control, press **EDIT**.
- 3 On the pop-up list of options, select **[Save Photo Album]**.
- 4 Name the photo album as needed.
 - ↳ A photo album is created.

5 Setup

You can change the setup options of **HMP4000**.

- 1 On the Home screen, select **⚙ [Setup]**.
 - If necessary, press **⬆** on the remote control to go to the Home screen.
 - ↳ The setup menu is displayed.
- 2 Press **▲▼◀▶** to select an option. Press **OK** to confirm the option.
 - Press **↶** to return to the upper-level menu.

System

[Menu Language]: Select the language for onscreen menus.

[Subtitle]: Select the subtitle language for videos.

[Screen Saver Delay]: Enable the screen saver when **HMP4000** is in the idle mode for a selected time span, for example, in pause or stop mode. To exit the screen saver mode, press any key.

[Automatic Standby]: Switch **HMP4000** to standby mode when there is no button press or media play on **HMP4000** for 15 minutes.

[Request to Resume Play]: Allow you to select whether to resume video play from the last stop position.

[Reset Factory Defaults]: Restore factory settings.

Audio

[**HDMI Audio Mode**]: Select audio output for the HDMI connector.

[**Optical output**]: Select audio output for the **OPTICAL** connector

[**Lip Sync**]: Synchronize audio with video play.

Video

[**Aspect Ratio**]: Select display aspect ratio.

[**TV System**]: Select the video resolution that your TV supports. See your TV manual for details.

[**Video Zoom**]: Zoom in or out video scenes.

*[**1080P 24Hz**]: Use 1080p 24 Hz for video output, where 1080p 24 Hz denotes the resolution and frame rate.

[**Deep Color**]: Display colors with more shades and hues when the video content is recorded in Deep Color mode and the TV supports this feature.



Note

- *If the video resolution is incompatible with your TV, you can see a blank screen. To recover the display, wait for 10 seconds.

6 EasyLink

HMP4000 supports Philips EasyLink which uses the HDMI CEC (Consumer Electronics Control) protocol. You can use a single remote control to control EasyLink compliant devices that are connected through HDMI.

- 1 Through HDMI, connect **HMP4000** to a TV compliant with the HDMI CEC protocol.
- 2 On the TV, switch on the functions to allow HDMI CEC operations (Consult the user manual of the TV).
- 3 On **HMP4000**, switch on **[Easy Link]**.
 - On the Home screen, select **[Setup] > [Easy Link]**. Select **[On]**.
- 4 In **[Easy Link]**, you can select the following options:

[One Touch Play]

When you start play on **HMP4000**, the TV switches to the HDMI input channel automatically.

[One Touch Standby]

When you switch the TV to the standby mode, **HMP4000** switches to the standby mode automatically.

[Auto Power On From TV]

When you switch to the input channel of **HMP4000** on the TV, **HMP4000** can switch on automatically from the standby mode.



Note

- Philips does not guarantee 100% interoperability with all HDMI CEC devices.

7 Update the firmware through a USB storage device

Before you update the firmware, check current the firmware version of **HMP4000**. On the Home screen, go to * **[Setup] > [Software Upgrade] > [Version Info]**.

- 1 On your computer, do the following:

- ① Go to www.philips.com/support to find the latest firmware.
- ② Search for your model and click on "Software and drivers".
- ③ Download the firmware update and save the file to the root directory of a USB storage device.

2 On **HMP4000**, do the following:

- ① Connect the USB storage device.
- ② On the Home screen, select [Setup] > [Software Upgrade]> [USB upgrade].
 - ↳ If a firmware update is detected, you are prompted to start the update.

3 Follow onscreen instructions to complete the update.

- ↳ When the update is complete, **HMP4000** switches off automatically, and then switches on again.



Caution

- Keep **HMP4000** powered on and the storage device mounted before the firmware update is complete.

8 Troubleshooting

If you contact Philips, you will be asked for the model and serial number of this player. The model number and serial number are at the bottom of this player:

Write the numbers here:

Model No. _____

Serial No. _____

No picture.

- Refer to the TV user manual for how to select the correct video input channel

The contents of the USB storage device cannot be read.

- The format of this USB storage device is not supported.
- The supported memory size is 1TB maximum.
- Make sure that this player supports these files. (Refer to "Specifications" > "Playable media") .

9 Specification



Note

- Specification and design are subject to change without notice.

Power

- Input: 100-240V~ 50/60Hz, 15W
- Power consumption: < 15 W
- Power consumption in standby mode: < 0.5 W

Supported formats:

- Video: MPEG 1/2/4(MPEG 4 Part 2), H.264, VC-1, WMV9, Xvid, MKV, RMVB 8/9/10, RM, MPG, AVI, TS, M2TS, TP, IFO, ISO, VOB, DAT, MP4, MPEG, MOV (MPEG 4, H.264), ASF, FLV(640 × 480)
- Audio: Dolby digital, DTS, MPEG Audio, AAC, RA, OGG, MKA, ADPCM, AC3, WMA (V9), MP3, PCM, LPCM
- Picture: JPEG, JPG, BMP, PNG, GIF (unanimated GIF), TIF, TIFF, HD-JPEG

HDD & USB support

- Compatibility: Hi-Speed USB (2.0)
- NTFS, FAT32, FAT, EXT-3, HFS+
- USB MTP support, USB PTP support, USB MSC support

Subtitle support

- .srt, .sub, .smi, .ssa, .idx+.sub

Video

- HDMI output: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 1080p24
- Composite video output: 1 Vpp ~ 75 ohm

Audio

- HDMI output
- Optical output
- Analog stereo output
- Signal to noise ratio (1 kHz): > 90 dB (A-weighted)
- Dynamic Range (1 kHz): > 80 dB (A-weighted)
- Frequency response: +/-0.2 dB

Main Unit

- Dimensions (L x W x H): 160 x 91 x 54.1 mm
- Net Weight: 0.25 Kg

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You means the purchaser or the original end-user of the Goods;

Supplier means the authorised distributor or retailer of the Goods that sold you the Goods in Australia or New Zealand; and

Goods means the product or equipment which was accompanied by this warranty and purchased in Australia or New Zealand.

If you require assistance with the operation of the product, its features or specifications please call the Philips Consumer Care Centre on 1300 363 391 in Australia or 0800 658 224 in New Zealand.

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Additional Warranty:

In addition to the rights and remedies that you have under the Australian Consumer Law, Consumer Guarantees Act of New Zealand or any other applicable law, we provide the following warranty against defects:

1. If, during the first 12 months from their date of purchase from the Supplier (**Warranty Period**), the Goods prove defective by reason of improper workmanship or materials and none of your statutory rights or remedies apply, we will repair or replace the Goods without charge.
2. We do not have to repair or replace the Goods under this Additional Warranty if the Goods have been used for a commercial purpose; misused, improperly or inappropriately installed, operated or repaired; abused; damaged; or not maintained in accordance with the manufacturer's instructions.
3. Even when we do not have to repair or replace the Goods, we may decide to do so anyway. In some cases, we may decide to substitute the Goods with a similar alternative product of our choosing. All such decisions are at our absolute discretion.
4. All such repaired, replaced or substituted Goods continue to receive the benefit of this Additional Warranty for the time remaining on the original Warranty Period.
5. This Additional Warranty is limited to repair, replacement or substitution only. As far as the law permits, we will not be liable for any loss or damage caused to property or persons arising from any cause whatsoever.
6. In order to claim under this Additional Warranty you must telephone us on 1300 363 391 in Australia or 0800 658 224 in New Zealand within the Warranty Period. You will be asked for details of the Goods, a description of the defect and your personal details. Upon accepting your claim, we shall assist you with either returning the Goods to the Supplier for replacement or to the most convenient Philips Authorised Service Centre for your Goods to be repaired. In some case we may require that you return to the Goods to us (at the address below) for repair, replacement or substitution.

☒ All returned Goods must be accompanied by satisfactory proof of purchase which clearly indicates the name and address of the Supplier, the date and place of purchase and identifies product. It is best to provide a legible and unmodified receipt or sales invoice.

☒ You must bear any expense for return of the Goods or otherwise associated with making your claim under this Additional Warranty.

7. This warranty is only valid and enforceable in Australia and New Zealand.

Contact us or the place of purchase for further details.

Philips Electronics Australia Limited
Level 1, 65 Epping Rd,
North Ryde, SYDNEY NSW 2113
Consumer Care: 1300 363 391
E-mail: pceinfo.australia@philips.com
Website: www.philips.com/support

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Level 2, 1 Nugent St,
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August 2011



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11
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6. [Webkit](#), [Libxif](#), [Ebase](#), [Mp3info](#), [ipodDB](#), [qDecoder](#), [Libneon](#), [httpc](#), [Libotf](#), [Fribidi](#), [DirectFB](#), [Libchgress](#), [QT](#) & [Uclibc](#).

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Version 2.1, February 1999

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21

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9. sqlite

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10.pppd

/pppd.h - PPP daemon global declarations.

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36

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23

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28

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24

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29

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