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EN User manual

# **PHILIPS**

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## 1 Notice

This section contains the legal and trademark notices.

## Copyright



This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited.

## Copyright in the UK

Recording and playback of material may require consent. See Copyright Act 1956 and The Performers' Protection Acts 1958 to 1972.

## Compliance



This product is in compliance with the essential requirements and other relevant provisions of Directives 2006/95/EC (Low Voltage) and 2004/108/EC (EMC).

## Mains fuse (UK only)

This information applies only to products with a UK mains plug.

This product is fitted with an approved moulded plug. If you replace the fuse, use one with:

- the ratings shown on the plug,
- a BS 1362 approval, and
- the ASTA approval mark.

Contact your dealer if you are not sure about what type of fuse to use.

Caution: To comply with the EMC directive (2004/108/EC), do not detach the plug from the power cord.

## Open source software

Philips Electronics Singapore Pte Ltd hereby offers to deliver, upon request, a copy of the complete corresponding source code for the copyrighted open source software packages used in this product for which such offer is requested by the respective licences. This offer is valid up to three years after product purchase to anyone in receipt of this information. To obtain the source code, please contact open.source@philips.com. If you prefer not to use email, or if you do not receive a confirmation receipt within a week of mailing this email address, please write to "Open Source Team, Philips Intellectual Property & Standards, P.O. Box 220, 5600 AE Eindhoven, The Netherlands". If you do not receive timely confirmation of your letter, please send an email to the email address above. The texts of the licences and acknowledgements for open source software used in this product are included on a separate leaflet.

## **Trademarks**



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ABOUT DIVX VIDEO: DivX ° is a digital video format created by DivX, Inc. This is an official DivX Certified ° device that plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX video.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified \* device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.

## HDMI

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## 2 Important

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

## Safety

#### Risk of electric shock or fire!

- Never expose the product and accessories to rain or water. Never place liquid containers, such as vases, near the product. If liquids are spilt on or into the product, disconnect it from the power socket immediately. Contact Philips Consumer Care to have the product checked before
- Never place the product and accessories near naked flames or other heat sources, including direct sunlight.
- Never insert objects into the ventilation slots or other openings on the product.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Disconnect the product from the power socket before lightning storms.
- When you disconnect the power cord, always pull the plug, never the cable.

#### Risk of short circuit or fire!

 Before you connect the product to the power socket, ensure that the power voltage matches the value printed on the back or bottom of the product. Never connect the product to the power socket if the voltage is different.

#### Risk of injury or damage to the home theatre!

- For wall-mountable products, use only the supplied wall mount bracket. Secure the wall mount to a wall that can support the combined weight of the product and the wall mount. Koninklijke Philips Electronics N.V. bears no responsibility for improper wall mounting that result in accident, injury or damage.
- For speakers with stands, use only the supplied stands. Secure the stands to the speakers tightly. Place the assembled stands on flat, level surfaces that can support the combined weight of the speaker and stand.

- Never place the product or any objects on power cords or on other electrical equipment.
- If the product is transported in temperatures below 5°C, unpack the product and wait until its temperature matches room temperature before connecting it to the power socket.
- Visible and invisible laser radiation when open. Avoid exposure to the beam.
- Do not touch the disc optical lens inside the disc compartment.
- Parts of this product may be made of glass. Handle with care to avoid injury and damage.

#### Risk of overheating!

 Never install this product in a confined space. Always leave a space of at least four inches around the product for ventilation. Ensure curtains or other objects never cover the ventilation slots on the product.

#### Risk of contamination!

- Do not mix batteries (old and new or carbon and alkaline etc.).
- Remove batteries if they are exhausted or if the remote control is not to be used for a long time.
- Batteries contain chemical substances; they should be disposed of properly.

#### Risk of swallowing batteries!

 The product/remote control may contain a coin-type battery, which can be swallowed.
 Keep the battery out of reach of children at all times!

## Care for your product

- Do not insert any objects other than discs into the disc compartment.
- Do not insert warped or cracked discs into the disc compartment.
- Remove discs from the disc compartment if you are not using the product for an extended period of time.
- Use only microfibre cloth to clean the product.

## Care for the environment



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.



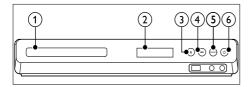
Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed of with normal household waste.

Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environment and human health.

## 3 Your home theatre

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your home theatre at www. philips.com/welcome.

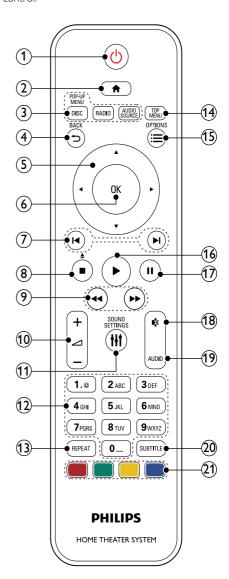
## Main unit



- 1 Disc compartment
- 2 Display panel
- ③ ≜ (Open/Close) Open or close the disc compartment, or eject the disc.
- (4) FII (Play/Pause)
  Start, pause or resume play.
- (5) SOURCE
  Select an audio or video source for the home theatre.
- (6) U (Standby-On) Switch the home theatre on or to standby.

## Remote control

This section includes an overview of the remote control.



- 1 (Standby-On)
  - Switch the home theatre on or to standby.
  - When EasyLink is enabled, press and hold for at least three seconds to switch all connected HDMI CEC compliant devices to standby.
- (1) **↑** (Home)

Access the home menu.

- Source buttons
  - DISC/POP-UP MENU: Switch to disc source. Access or exit the disc menu when you play a disc.
  - RADIO: Switch to FM radio.
  - AUDIO SOURCE: Select an audio input source.
- (4) SACK
  - Return to a previous menu screen.
  - In radio mode, press and hold to erase the current preset radio stations.
- (5) Navigation buttons
  - Navigate menus.
  - In radio mode, press left or right to start auto search.
  - In radio mode, press up or down to tune the radio frequency.
- 6 OK Confirm an entry or selection.
- (7) I ✓ / ►I (Previous/Next)
  - Skip to the previous or next track, chapter or file.
  - In radio mode, select a preset radio station
- (8) (Stop) / ≜ (Eject/Open/Close)
  - Stop play.
  - Press and hold for three seconds to open or close the disc compartment, or eject the disc.
- (9) ◀◀/►► (Fast Backward / Fast Forward) Search backwards or forwards. Press repeatedly to change the search speed.
- (10) 4+/- (Volume) Increase or decrease volume.
- (11) HI SOUND SETTINGS
  Access or exit sound options.
- (12) Alphanumeric buttons
  Enter values or letters (using SMS-style entry).

13 REPEAT

Select or turn off repeat mode.

(14) TOP MENU

Access the main menu of a disc.

- (15) ≡ OPTIONS
  - Access more play options while playing a disc or a USB storage device.
  - In radio mode, set a radio station.
- (16) ► (Play)

Start or resume play.

(17) **II** (Pause)

Pause play.

(18) **♦ (Mute)** 

Mute or restore volume.

(19) AUDIO

Select an audio language or channel.

20 SUBTITLE

Select subtitle language for video.

(21) Colour buttons
Select tasks or options for Blu-ray discs.

## EasyLink controls

With Easylink, you can control your home theatre and the TV with the following buttons on your home theatre remote control (see 'EasyLink' on page 20).

- O (Standby-On): Press and hold to switch your home theatre, TV and the connected devices to standby.
- (Play): When a video disc is in the disc compartment, wake up the TV from standby, and then play a disc.

# 4 Connect your home theatre

This section helps you connect your home theatre to a TV and other devices.

For information about the basic connections of your home theatre and accessories, see the quick start guide. For a comprehensive interactive guide, see www.connectivityguide.philips.com.



#### Note

- For identification and supply ratings, refer to the type plate at the back or bottom of the product.
- Before you make or change any connections, make sure that all devices are disconnected from the socket.

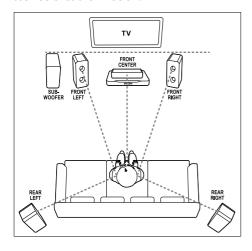
## **Speakers**

Position, connect and set up your speakers for the best surround sound.

#### **Position**

Speaker position plays a critical role in setting up a surround sound effect.

For best results, place your speakers and the subwoofer as shown below.





#### Note

 Surround sound depends on factors such as room shape and size, type of wall and ceiling, windows and reflective surfaces, and speaker acoustics. Experiment with the speaker positions to find the optimum setting for you.

Follow these general guidelines, and then set up your speakers.

- **1** Seating position:
- This is the centre of your listening area.
- 2 FRONT CENTER (front centre) speaker:
  Place the centre speaker directly in front of
  the seating position, either above or below
  your TV. Make sure that it is close to your
  ear height when you are seated.
- 3 FRONT LEFT (front left) and FRONT RIGHT (front right) speakers:

Place the left and right speakers in the front, and equidistant from the centre speaker in an arc, so that all three speakers are the same distance from your seating position. For the best effect, point the speakers towards the seating position and place the speakers close to ear level (when seated).

4 REAR LEFT (rear left) and REAR RIGHT (rear right) speakers:

Place the rear surround speakers to the left and right side of your seating position, either in line with it or slightly behind it. For the best effect, point the speakers towards the seating position and place the speakers just above ear level (when seated).

5 SUBWOOFER (subwoofer):

Place the subwoofer at least one metre to the left or right of the TV. Leave about ten centimetres' clearance from the wall.

#### Connect

Connect your speakers and the subwoofer to your home theatre as described in the quick start guide.

#### Setup

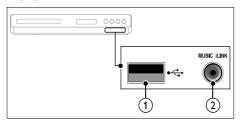
Set up your speakers through the speaker setup menu.

- 1 Connect your speakers and subwoofer as described in the Quick start guide.
- Press ♠ (Home) on your home theatre remote control, and select [Setup] > [Audio] > [Speaker Setup].
- 3 Enter the distance for each speaker, and then listen to the test tones and change the volume. Experiment a little with the speaker positions to find the ideal setting.

#### Connectors

Connect other devices to your home theatre.

#### Front

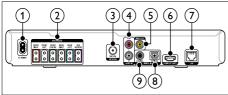


1 • CHOUSB)

Audio, video or picture input from a USB storage device.

2 MUSIC iLINK
Audio input from an MP3 player.

#### **Back connectors**



- 1 AC MAINS Connect to the power supply.
- (2) SPEAKERS

  Connect to the supplied speakers and subwoofer.

- (3) ANTENNA FM 75 Ω Signal input from an antenna, cable or satellite.
- (4) AUDIO IN-AUX

  Connect to an analogue audio output on the TV or an analogue device.
- (5) VIDEO OUT

  Connect to the composite video input on the TV.
- 6 HDMI OUT (ARC)
  Connect to the HDMI input on the TV.
- (7) LAN

  Connect to the LAN input on a broadband modem or router.
- DIGITAL IN-OPTICAL
   Connect to an optical audio output on the
   TV or a digital device.
- (9) DIGITAL IN-COAXIAL Connect to a coaxial audio output on the TV or a digital device.

## Connect to TV

Connect your home theatre to a TV to watch videos. You can listen to audio from TV programmes through your home theatre speakers. Use the best quality connection available on your home theatre and TV.

## Option 1: Connect to TV through HDMI (ARC)

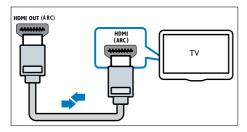
#### Best quality video

Your home theatre supports HDMI version 1.4 - Audio Return Channel (ARC). If your TV is HDMI ARC-compliant, connect your home theatre to the TV through the HDMI ARC connection for easy and quick setup.

With HDMI ARC, you do not need an additional audio cable to play audio from TV through your home theatre.

Using a High-Speed HDMI cable, connect the HDMI OUT (ARC) connector on your home theatre to the HDMI ARC connector on the TV.

The **HDMI ARC** connector on the TV might be labelled **HDMI IN** or **HDMI**. For details on TV connectors, see the TV user manual.



- 2 On your TV, turn on HDMI-CEC. For details, see the TV user manual.
  - When you play a disc on your home theatre, the video is automatically displayed on TV and the audio is automatically played on the home theatre.
- If audio from the TV does not play automatically on your home theatre, set up the audio manually (see 'Set up audio for connected devices' on page 12).

## Option 2: Connect to TV through HDMI

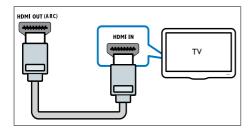
#### Best quality video

If your TV is not HDMI ARC-compliant, connect your home theatre to the TV through a standard HDMI connection.

With a standard HDMI connection, you need an additional audio cable to play the audio from the TV through your home theatre (see 'Connect audio from TV and other devices' on page 12).

Using a High-Speed HDMI cable, connect the HDMI OUT (ARC) connector on your home theatre to the HDMI connector on the TV.

The HDMI connector on the TV might be labelled **HDMI IN**.



- 2 On your TV, turn on HDMI-CEC. For details, see the TV user manual.
  - When you play a disc on your home theatre, the video is automatically displayed on TV and the audio is automatically played on the home theatre.
- To play audio from TV programmes through your home theatre, connect an additional audio cable (see 'Connect audio from TV and other devices' on page 12).
- 4 If audio from the TV does not play automatically on your home theatre, set up the audio manually (see 'Set up audio for connected devices' on page 12).



#### Note

• If your TV has a DVI connector, you can use an HDMI/DVI adapter to connect to TV.

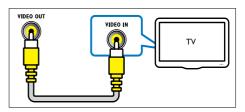
## Option 3: Connect to the TV through composite video

#### Basic quality video

If your TV does not have HDMI connectors, connect your home theatre to the TV through a composite connection. A composite connection does not support high-definition video.

With a composite connection, you need an additional audio cable to play the audio from the TV through your home theatre (see 'Connect audio from TV and other devices' on page 12).

1 Using a composite video cable, connect the VIDEO connector on your home theatre to the composite video connector on the TV. The composite video connector might be labelled AV IN, VIDEO IN, COMPOSITE or BASEBAND.



On your TV, switch to the correct video input.

To play audio from TV programmes through your home theatre, connect an additional audio cable (see 'Connect audio from TV and other devices' on page 12).

On your home theatre, press **SOURCE** repeatedly to select the correct audio input.

## Connect audio from TV and other devices

Play audio from TV or other devices through your home theatre.

Use the best quality connection available on your TV, home theatre and other devices.



#### Note

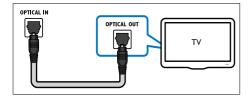
- The audio connections in this user manual are only recommendations. You can use other connections too.
- When your home theatre and TV are connected through HDMI ARC, an audio connection is not required.

### Option 1: Connect audio through a digital optical cable

#### Best quality audio

Using an optical cable, connect the OPTICAL connector on your home theatre to the **OPTICAL OUT** connector on the TV or other device.

The digital optical connector might be labelled SPDIF SPDIF OUT or OPTICAL.

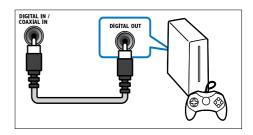


#### Option 2: Connect audio through a digital coaxial cable

#### Good quality audio

Using a coaxial cable, connect the COAXIAL connector on your home theatre to the COAXIAL/DIGITAL OUT connector on the TV or other device.

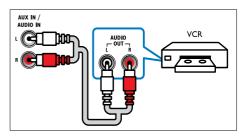
The digital coaxial connector might be labelled DIGITAL AUDIO OUT.



### Option 3: Connect audio through analogue audio cables

#### Basic quality audio

Using an analogue cable, connect the AUX connectors on your home theatre to the **AUDIO OUT** connectors on the TV or other device.



## Set up audio for connected devices

When you connect a device to your home theatre, check the audio settings.

- On your TV and other devices, turn on HDMI-CEC. For details, see the user manual of the TV and the other device.
- Select 'Amplifier' from the TV speakers menu. For details, see the TV user manual.

3 On your home theatre, turn on System Audio Control and then map the audio of the connected device to the correct connectors on your home theatre (see 'Play audio from home theatre' on page 20). If the connected device is not HDMI-CEC-compliant, press SOURCE repeatedly on your home theatre to select the correct audio input.

#### Internet

Connect your home theatre to the Internet and enjoy:

- BD-Live applications: Access exclusive services from the BD-Live-enabled Blu-ray discs (see 'BD-Live on Blu-ray' on page 16).
- Software update: update the home theatre software through the network (see 'Update software through the Internet' on page 24).



#### Caution

 Before you try to connect the home theatre to a computer network, familiarise yourself with the network router and networking principles. If necessary, read documentation that accompanies the network components. Philips is not responsible for lost, damaged or corrupt data.

#### Wired connection

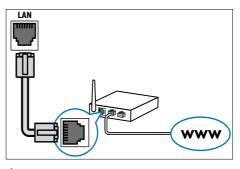
Connect your home theatre to your router through a network cable.

#### What you need

- A network router (with DHCP enabled).
- A network cable (RJ45 straight cable).
- For the BD-Live application and software updates, make sure that the network router has access to the Internet and the firewall is disabled

#### Set up the wired network

Connect your home theatre to your router as shown below, and then switch on the devices.



- 1 Connect the home theatre to a network router through a wired connection (see 'Wired connection' on page 13).
- 2 Turn on your TV, and switch to the correct source for the home theatre.
- 3 Press ★ (Home).
- 4 Select [Setup], and then press OK.
  - Select [Network] > [Network Installation] > [Wired (Ethernet)], and then press OK.
- **6** Follow the instructions on the TV to complete the setup.
  - → The home theatre connects to the Internet. If connection fails, select [Retry], and then press OK.
- 7 Select [Finish], and then press OK to exit.

## Check wired network settings

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- Select [Network] > [View Network Settings], and then press OK.
  - → The current network settings are displayed.

# 5 Use your home theatre

This section helps you use the home theatre to play media from a wide range of sources.

#### Before you start

- Make the necessary connections described in the Quick start guide and the user manual.
- Switch the TV to the correct source for the home theatre.

### Choose sound

This section helps you choose the ideal sound for your video or music.

- 1 Press III SOUND SETTINGS.
- Press the Navigation buttons (left/right) to access the sound options on the display.

Sound settings	Description
SOUND	Select a sound mode.
SURROUND	Select surround sound or stereo sound.
TREBLE	Change the high frequency output.
MID	Change the middle frequency output.
BASS	Change the low frequency output.
AUD SYNC	Delay the audio to match the video.

3 Select an option, and then press **OK**.

Press → BACK to exit.

If you do not press a button within a minute, the menu exits automatically.

#### Sound mode

Select predefined sound modes to suit your video or music.

- 1 Press # SOUND SETTINGS.
- 2 Select **SOUND**, and then press **OK**.
- Press the **Navigation buttons** (up/down) to select a setting on the display:

- MOVIE: Enjoy a cinematic audio experience, specially enhanced for movies.
- MUSIC: Recreate the original recording environment of your music, in the studio or at a concert.
- ORIGINAL: Experience the original sound of your movies and music, without added sound effects.
- **NEWS**: Hear every word with optimised speech and clear vocals.
- GAMING: Enjoy thrilling arcade sounds, ideal for action-packed video games or loud parties.
- 4 Press OK to confirm.

#### Surround sound mode

Experience an immersive audio experience with surround sound modes.

Press III SOUND SETTINGS.

Select **SURROUND**, and then press **OK**.

Press the **Navigation buttons** (up/down) to select a setting from your display:

- AUTO: Surround sound based on the audio stream.
- **5CH STER**: Enhanced stereo sound. Ideal for party music.
- MULTI-CH: Immersive multi-channel sound for an enhanced movie experience.
- STEREO: Two-channel stereo sound. Ideal for listening to music.
- **4** Press **OK** to confirm.

## Equalizer

Change the high frequency (treble), mid frequency (mid) and low frequency (bass) settings of the home theatre.

- 1 Press HI SOUND SETTINGS.
- 2 Select TREBLE, MID or BASS, and then press OK.
- 3 Press the Navigation buttons (up/down) to change the frequency.
- 4 Press OK to confirm.

## Discs

Your home theatre can play DVDs, VCDs, CDs and Blu-ray discs. It can also play discs that you've made at home, such as CD-R discs of photos and music.

#### What you need

- Audio and video connection between your home theatre and the TV.
- An audio or a video disc.

#### Play discs

- 1 Insert a disc into the home theatre.
  - → Your TV switches to the correct source and the disc plays automatically.
- If the disc does not play automatically, press DISC or select [play Disc] in the home menu, and then press OK.
- Press the play buttons to control play (see 'Play buttons' on page 15).

Play buttons	
Button	Action
Navigation buttons	Navigate menus.
OK	Confirm an entry or selection.
► (Play)	Start or resume play.
II	Pause play.
	Stop play.
<b>I</b> ◀ / ▶ <b>I</b>	Skip to the previous or next track, chapter or file.
<b>44/</b>	Fast backwards or fast forwards. Press repeatedly to change the search speed.
Navigation buttons (up/down)	Rotate the picture clockwise or anti-clockwise.
SUBTITLE	Select subtitle language for video.
DISC	Access or exit the disc menu.
AUDIO	Select an audio language or channel.
REPEAT	Select or turn off repeat mode.

Button	Action
<b>≡</b> OPTIONS	Access the advanced options when you play your audio, video or media files (see 'Audio, video and picture options' on
	page 18).

For video formats such as DivX:

- To stop play, press
- To resume the video from where you stopped, press ► (Play).
- To play the video from the start, press OK.

#### Display menu for VCD and SVCD

Display the content menu on VCD and SVCD discs.

- 1 Press ♠ (Home).
- 2 Select [Setup] > [Preference], and then press OK.
- 3 Select [VCD PBC] > [On], and then press OK.



• To skip the content menu, select [Off].

## Synchronise picture and sound

If the audio and video are not synchronised, delay the audio to match the video.

- 1 Press ## SOUND SETTINGS.
- 2 Select AUD SYNC, and then press OK.
- 3 Press the Navigation buttons (up/down) to synchronise the audio with the video.
- 4 Press OK to confirm.

## Bonus View on Blu-ray

On Blu-ray discs that support the Bonus View, enjoy extra content, such as a director's commentary, while you watch the main feature. Bonus View is also known as picture-in-picture.

- 1 Enable Bonus View (picture-in-picture) in the Blu-ray disc menu.
- While the main feature is playing, press **□** OPTIONS.
  - → The options menu is displayed.

- Select [PIP Selection] > [PIP], and then press OK.
  - → Depending on the video, PIP option [1] or [2] is displayed.
  - → The picture-in-picture video is displayed in a small window.
- Select [2nd Audio Language] or [2nd Subtitle Language], and then press OK.
- Select the language, and then press **OK**.



#### Note

To turn off Bonus View, press **≡ OPTIONS**, select [PIP Selection] > [Off], and then press OK.

#### BD-Live on Blu-ray

On Blu-ray discs with BD-Live content, access additional features, such as Internet chats with the director, the latest movie trailers, games, wallpaper and ringtones.

#### What you need

- a Blu-ray disc with BD-Live content
- an Internet connection
- a USB storage device with at least 1 GB of memory



#### Note

- BD-Live services vary from country to country, and depend on the disc.
- When you use BD-Live, data on the disc and home theatre are accessed by the content provider.

#### Access BD-Live with a USB storage device

- Connect your home theatre to the home network and Internet (see 'Internet' on page 13).
- Connect the USB storage device to the home theatre.
  - The USB storage device is used to store the downloaded BD-Live content.

- Select the BD-Live icon in the disc menu. and then press **OK**.
  - → BD-Live starts to load. The loading time depends on the disc and your Internet connection.
- Press the Navigation buttons to navigate BD-Live, and then press **OK** to select an item

#### Clear memory

If your storage device does not have enough memory for the BD-Live content, clear the memory on the storage device.

Press **\Pi** (Home).

Select [Setup], and then press OK.

Select [Advanced] > [Clear memory], and then press OK.

→ This clears the local memory and deletes the BD-Live files that you have downloaded onto your storage device.

#### Disable BD-Live

To restrict access to BD-Live, turn on the BD-Live security.

Press **\Pi** (Home).

Select [Setup], and then press OK.

Select [Advanced] > [BD-Live security] > [On], and then press OK.

→ BD-Live access is restricted.



#### Note

· You cannot restrict Internet access on commercial Blu-ray discs.

## USB storage devices

Enjoy pictures, audio and video on a USB storage device.

#### What you need

- A USB storage device that is formatted for FAT or NTFS file systems and complies with the Mass Storage Class.
- A USB extension cable, if the USB storage device does not fit into the connector.



#### Note

- You can use digital cameras connected by USB if they can play the files without using a special computer program.
- To play DivX DRM protected files from a USB storage device, connect your home theatre to a TV through an HDMI cable.

## Play files

- 1 Connect the USB storage device to the home theatre.
- 2 Press ♠ (Home).
  - → The home menu is displayed.
- 3 Select [browse USB], and then press OK.
  - → A content browser is displayed.
- 4 Select a file, and then press **OK**.
- Press the playback buttons to control play (see 'Play buttons' on page 15).

## DivX

Play DivX videos from:

- a disc (see 'Discs' on page 15),
- a USB storage device (see 'USB storage devices' on page 16).



#### Note

 To play DivX DRM-protected files from a disc or a USB storage device, connect your home theatre to a TV using an HDMI cable.

#### VOD code for DivX

Before you purchase DivX videos and play them on your home theatre, register the home theatre on www.divx.com using the DivX VOD code.

1 Press ♠ (Home).

Select [Setup], and then press OK.

3 Select [Advanced] > [DivX® VOD Code], and then press OK.

→ The DivXVOD registration code for your home theatre is displayed.

#### Subtitles

If your video has subtitles in multiple languages, select a subtitle language.

1 While playing video, press **SUBTITLE** to select a language.



#### Note

- Make sure that the subtitle file has the same name as the video file. For example, if the video file is called 'movie.avi', save the subtitle file as 'movie.srt' or 'movie.sub'.
- Your home theatre can play subtitle files in the following formats: .srt, .sub, .txt, .ssa, .ass, smi and .sami. These files do not appear in the file navigation menu.
- If the subtitles do not appear correctly, change the character set.

#### Subtitle character set

If the subtitles do not appear correctly, change the character set that supports the DivX subtitle.

- 1 Press **≡ OPTIONS**.
  - → The options menu is displayed.
- Press the Navigation buttons to select [Character Set], and then press OK.
- **3** Select a character set.

## Europe, India and Russia

Character Set	Language
[Standard]	English, Albanian, Danish, Dutch, Finnish, French, Gaelic, German, Italian, Kurdish (Latin), Norwegian, Portuguese, Spanish, Swedish and Turkish
[Central Europe]	Albanian, Croat, Czech, Dutch, English, German, Hungarian, Irish, Polish, Romanian, Slovak, Slovene and Sorbian
[Cyrillic]	Bulgarian, Belorussian, English, Macedonian, Moldavian, Russian, Serbian and Ukrainian
[Greek]	Greek

# Audio, video and picture options

Use advanced features when you play audio, video or media files from a disc or a USB storage device.

#### Audio options

While playing audio, repeat an audio track, a disc or a folder.

- 1 Press **≡ OPTIONS** repeatedly to cycle through the following functions:
  - RPT TRACK / RPT FILE: Repeat the current track or file.
  - RPT DISC / RPT FOLDER: Repeat all the tracks on the disc or the folder.
  - **RPT RANDOM**: Play audio tracks in random order.
  - RPT OFF: Turn off the repeat mode.

#### Video options

While watching video, select options such as subtitles, audio language, time search and picture settings. Depending on the video source, some options are not available.

- 1 Press ≡ OPTIONS.
  - → The video options menu is displayed.
- Press the Navigation buttons and OK to select and change:
  - [Audio Language]: Select audio language for video.
  - [Subtitle Language]: Select subtitle language for video.
  - [Subtitle Shift]: Change the subtitle position on the screen.
  - **[Info]**: Display information about what is playing.
  - [Character Set]: Select a character set that supports the DivX subtitle.
  - [Time Search]: Skip to a specific part of the video by entering the time of the scene.
  - [2nd Audio Language]: Select the second audio language for Blu-ray video.
  - [2nd Subtitle Language]: Select the second subtitle language for Blu-ray video.
  - [Titles]: Select a specific title.
  - [Chapters]: Select a specific chapter.

- [Angle List]: Select a different camera angle.
- [Menus]: Display the disc menu.
- [PIP Selection]: Display Picture-in-Picture window when playing a Blu-ray disc that supports the Bonus View.
- [Zoom]: Zoom into a video scene or picture. Press the Navigation buttons (left/right) to select a zoom factor.
- [Repeat]: Repeat a chapter or title.
- [Repeat A-B]: Mark two points within a chapter or track to repeat play, or turn off the repeat mode.
- [Picture Settings]: Select a predefined colour setting.

#### Picture options

While viewing a picture, zoom into the picture, rotate it, add animation to a slideshow and change the picture settings.

- 1 Press **≡ OPTIONS**.
  - → The picture options menu appears.
- Press the Navigation buttons and OK to select and change the following settings:
  - [Rotate +90]: Rotate the picture 90 degrees clockwise.
  - [Rotate -90]: Rotate the picture 90 degrees anti-clockwise.
  - [Zoom]: Zoom into a video scene or picture. Press the Navigation buttons (left/right) to select a zoom factor.
  - [Info]: Display picture information.
  - [Duration per slide]: Select the display speed for each picture in a slide show.
  - [Slide Animation]: Select animation for the slideshow.
  - [Picture Settings]: Select a predefined colour setting.
  - [Repeat]: Repeat a selected folder.

#### Slideshows

While playing audio, access fun features such as picture and musical slideshows.

#### Picture slideshows

View a slideshow of your pictures stored in your disc or a USB storage device.

- 1 Select a picture from a disc or USB storage device, and then press ► (Play).
- 2 Press ≡ OPTIONS.
- Press Navigation buttons and OK to select the following settings:
  - [Slide Animation]: Select an animation for the slideshow.
  - [Duration per slide]: Select a display speed for each picture in a slideshow.
- **4** Press  $\blacksquare$  to stop the slideshow.

#### Musical slideshows

Create a musical slideshow to play music and pictures at the same time.

- 1 Select a music track, and then press **OK**.
- Press → BACK, and go to the picture folder.
- 3 Select a picture, and then press ► (Play) to start the slideshow.
- **4** Press to stop slideshow.
- 5 Press again to stop music.

## Radio

Listen to FM radio on your home theatre, and store up to 40 radio stations.

#### What you need

FM antenna.



#### Note

- AM and digital radio are not supported.
- If no stereo signal is detected, you are prompted to install the radio stations again.
- For the best reception, place the antenna away from the TV or other sources of radiation.

#### Tune stations

- 1 Connect the FM antenna as described in the Quick start guide.
- 2 Press RADIO.
  - → If you have already installed the radio stations, the last channel that you listened to is played.
  - If you have not installed any radio stations, the message AUTO INSTALL... PRESS PLAY appears on the display panel. Press ► (Play).
- 3 Press the following buttons to listen or to change radio stations:

Button	Action
I ✓ / ►I or Alphanumeric buttons	Select a preset radio station.
Navigation buttons (left/ right)	Search for a radio station.
Navigation buttons (up/down)	Fine tune a radio frequency.
	Press to stop the installation of radio stations.
<b>⇔</b> BACK	Press and hold to erase the preset radio station.
<b>≡</b> OPTIONS	Manual: Press once to access programme mode, and press again to store the radio station.  Automatic: Press and hold for three seconds to reinstall the radio stations.

#### Listen to radio

- 1 Press RADIO.
  - To listen to a preset station, press I
     or ►I.
  - To search for a radio station, and then listen, press Navigation buttons (left/ right).
- 2 Press +/- (Volume) to change the volume.

## MP3 player

Connect your MP3 player to play your audio files or music.

#### What you need

- An MP3 player.
- A 3.5-mm stereo audio cable.

### Play music

- Connect the MP3 player to the home theatre as described in the Quick start guide.
- Press AUDIO SOURCE repeatedly until 'MUSIC I-LINK' appears on the display panel.
- 3 Press the buttons on the MP3 player to select and play audio files or music.

## **EasyLink**

The home theatre supports Philips EasyLink, which uses the HDMI-CEC (Consumer Electronics Control) protocol. EasyLink-compliant devices that are connected through HDMI can be controlled by a single remote control.

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

#### What you need

- HDMI-CEC compliant devices.
- An HDMI connection between the connected devices.

#### Switch on

- On the TV and other connected devices, turn on the HDMI-CEC operations. For details, see the manual of the TV or other devices.
- Press ♠ (Home).
- 3 Select [Setup], and then press OK.
- 4 Select [EasyLink] > [EasyLink], and then press OK.
- 5 Select [On], and then press OK.

#### Control devices

Control the home theatre and the other connected HDMI-CEC compliant devices with a single remote control.

#### One-touch play

If you enable One-touch play, the TV automatically switches to the correct channel when you play a disc in your home theatre.

#### One-touch standby

When you press and hold  $\circ$  (Standby) on the remote control, the home theatre and all the connected HDMI-CEC devices (that support one-touch standby) switch to the standby mode.

If one-touch standby is enabled on your home theatre, you can switch to standby with the remote control of the TV or other HDMI-CEC devices.

#### System Audio Control

When you play a device that has its audio output routed to the home theatre, the home theatre switches to the corresponding audio source automatically.

To use one-touch audio, turn on System Audio Control and follow the instructions on the TV to map connected devices to the audio input connectors of the home theatre.

#### Audio Input Mapping

When you connect a new device to your home theatre, map the device to the audio input connector (see 'Play audio from home theatre' on page 20).

## Play audio from home theatre

Play the audio from a connected device through your home theatre.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- Select [EasyLink] > [System Audio Control] > [On], and then press OK.
  - To play the audio from the TV speakers, select [Off] and skip the following steps.
- 4 Select [EasyLink] > [Audio Input Mapping], and then press OK.
- 5 Follow the instructions on the TV to map the audio of the connected device to the audio inputs on your home theatre.



#### Note

 If you connect your home theatre to the TV through an HDMI ARC connection, make sure that the TV audio is mapped to the ARC input on your home theatre.

## 6 Change settings

This section helps you to change the settings of your home theatre.



#### Caution

 Most of the settings are already configured with the best value for your home theatre.
 Unless you have a reason to change a setting, it is best to leave it at the default value.



#### Note

- You cannot change a setting that is greyed out.

## **Picture**

Change the picture settings to suit your preferences.



#### Note

 The best setting is automatically selected for the TV. If you change the setting, make sure that the TV supports the new settings.

## Picture settings and format

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Video], and then press OK.
- 4 Change the following settings, and then press **OK**:
  - [TV Display]: Picture format.
  - [Picture Settings]: Predefined colour settings.

#### Picture colour

Deep Colour recreates the natural world on your TV screen and displays vivid images in over a billion colours.

If your TV supports Deep Colour and is connected to your home theatre via an HDMI cable, you can change the Deep Colour.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- **3** Select [Video] > [HDMI Deep Colour], and then press **OK**.
- 4 Select the following options and then press OK:
  - [Auto]: Automatically select HDMI Deep Color.
  - [On]: View vivid images.
  - [Off]: Display standard 24-bit colour.

#### Picture resolution

For HDMI video settings, connect your home theatre to the TV through an HDMI cable.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Video] > [HDMI Video], and then press OK.
- 4 Change the HDMI resolution setting, and then press **OK**.

## Subtitle position

Automatically change the position of the subtitles to fit your TV screen.

- 1 Press ♠ (Home).
- Select [Setup], and then press OK.
- Select [Preference] > [Auto Subtitle Shift] > [On], and then press OK.

#### Sound

Change the sound settings to suit your preference.

#### HDMI audio

To hear HDMI audio output from your TV, connect your home theatre to the TV using an HDMI cable.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Audio] > [HDMI Audio], and then press OK.
- Select the following options and then press OK:
  - [Bitstream]: Enable bitstream output over HDMI.
  - [Auto]: Automatically select the best supported audio format.
  - [Off]: Disable audio from the TV.

#### Audio post processing

To select a predefined sound mode, enable audio post processing at the speaker (see 'Sound mode' on page 14).

- 1 Press ♠ (Home).
- Select [Setup], and then press OK.
- 3 Select [Advanced] > [Enhanced Audio] > [On], and then press OK.



Note

To play the original audio of the disc, select [Off].

## Night mode

For quiet listening, decrease the volume of loud sounds when you play discs. Night mode is only available for Dolby-encoded DVD and Blu-ray discs.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Audio] > [Night Mode] > [On], and then press OK.

#### Restore sound mode settings

Restore the equalizer settings of all the sound modes to the default values.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Audio] > [Default sound settings], and then press OK.

## Language

Select a language for the home menu, audio and subtitles.

#### Home menu

- 1 Press **A** (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Preference] > [Menu language], and then press OK.
- 4 Select a menu language, and then press OK.

#### Disc audio

- 1 Press ★ (Home).
- 2 Select [Setup], and then press OK.
- **3** Select [Preference] > [Audio], and then press **OK**.
- 4 Select an audio language for discs, and then press **OK**.



#### Note

- If your preferred disc language is not available, select [Others] from the list and enter the 4-digit language code found at the end of this user manual
- If you select a language that is not available on a disc, the home theatre uses the default language of the disc.

#### Disc subtitle

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Preference] > [Subtitle], and then press OK.
- 4 Select a subtitle language for discs, and then press **OK**.

#### Disc menu

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Preference] > [Disc Menu], and then press OK.
- 4 Select a menu language for discs, and then press **OK**.



#### Note

- If your preferred disc language is not available, select [Others] from the list and enter the 4-digit language code found at the end of this user manual.
- If you select a language that is not available on a disc, the home theatre uses the default language of the disc.

## Parental control

Restrict access to discs that are recorded with ratings.

#### **Password**

You can set or change your password to play a restricted disc.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Preference] > [Change Password], and then press OK.
  - → A change password menu is displayed.
- 4 Follow the instructions on the TV to set or change password.
  - If you do not have a password or you have forgotten, enter 0000.
- 5 Press OK.

#### Ratings

Some discs are recorded with ratings according to age. You can set up your home theatre to play only discs with an age rating lower than your child's age.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Preference] > [Parental Control], and then press OK.
  - → A message prompts you to enter the password.
- 4 Enter the password with the Numeric buttons.
- 5 Select an age rating, and then press **OK**.
  - To play all discs irrespective of the rating, select level 8 or [Off].

## **Energy saving**

Save energy by changing the following settings.

#### Auto standby

When playing a disc or a USB storage device, automatically switch your home theatre to standby if:

- it is in pause or stop mode, and
- no button is pressed for 30 minutes.
- Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- Select [Preference] > [Auto Standby] > [On], and then press OK.

## Sleep timer

Set timers to switch the home theatre to standby after a specified time.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- Select [Preference] > [Sleep Timer], and then press OK.
- 4 Select the duration of the sleep timer.
  - → The sleep timer can be set up to 60 minutes. If the sleep timer is set to [Off], it switches off.
- **5** Press **OK** to activate.
  - → The home theatre switches to standby after the specified time.

#### Screen saver

Automatically switch your home theatre to screen saver mode if:

- it is in pause or stop mode, and
- no button is pressed for 10 minutes.
- 1 Press ★ (Home).
- 2 Select [Setup], and then press OK.
- Select [Preference] > [Screen Saver] > [On], and then press OK.

## Display panel

Change the brightness of the home theatre display panel.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Preference] > [Display Panel], and then press OK.
- 4 Select the brightness, and then press **OK**.

## Apply factory settings

Reset your home theatre to the default settings. You cannot reset the parental control settings.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Advanced] > [Restore default settings], and then press OK.
- 4 Select [OK], and then press OK.

## 7 Update software

To continue to get the best features and support for your home theatre, update the software regularly. Compare the version of your current software with the latest version on www.philips.com/support.

## Check software version

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Advanced] > [Version Info.], and then press OK.
  - → The software version is displayed.

# Update software through the Internet

- 1 Connect your home theatre to the network through a wired connection (see 'Set up the wired network' on page 13).
- 2 Press ♠ (Home).
- 3 Select [Setup], and then press OK.
- Select [Advanced] > [Software Update] > [Network].
  - → If upgrade media is detected, you are prompted to start or cancel the update.
- 5 Follow the instruction on the TV to confirm the update.
  - When the software update is complete, the home theatre automatically switches off and restarts. If it does not, disconnect the power cord for a few seconds and then reconnect it.



- If the home theatre cannot connect to the Philips server, press **A** (**Home**).
- Select [Setup] > [Network] > [Network Installation] to set up the network.

## Update software through USB

#### What you need

- A USB flash drive with at least 75 MB of memory. The USB flash drive must be FAT or NTFS formatted. Do not use a USB hard drive.
- A computer with Internet access.
- An archive utility that supports the ZIP file format (for example, WinZip® for Microsoft® Windows® or Stufflt® for Macintosh®).

#### Step 1: Download the latest software

- 1 Connect a USB flash drive to your computer.
- 2 In your web browser, go to www.philips. com/support.
- 3 At the Philips Support website, find your product and locate the Software and drivers.
  - → The software update is available as a zip file.
- 4 Save the zip file in the root directory of your USB flash drive.
- 5 Use the archive utility to extract the software update file in the root directory of the USB flash drive.
  - → The files are extracted in the UPG\_ALL folder on your USB flash drive.
- **6** Disconnect the USB flash drive from your computer.

## Step 2: Update the software



#### Caution

- Before you connect the USB flash drive to your home theatre, make sure that there is no disc in the disc compartment and the disc compartment is closed.
- 1 Connect the USB flash drive to your home theatre.
- 2 Switch your TV to the correct source for your home theatre.
- 3 Press ♠ (Home) and then select [Setup].
- 4 Select [Advanced] > [Software Update] > [USB].

- 5 Follow the instructions on the TV to confirm the update.
  - → When the software update is complete, the home theatre automatically switches off and restarts. If it does not, disconnect the power cord for a few seconds, and then reconnect it.



#### Note

 When the software update is in progress, do not turn off the power or remove the USB flash drive.

# 8 Product specifications



Note

 Specifications and design are subject to change without notice.

## Region codes

The type plate on the back or bottom of the home theatre shows which regions it supports.

Country	DVD	BD
Europe, United Kingdom		
Asia Pacific, Taiwan, Korea		
Latin America		
Australia, New Zealand		
Russia, India		
China		

#### Media formats

 AVCHD, BD, BD-R/ BD-RE, BD-Video, DVD-Video, DVD+R/+RW, DVD-R/-RW, DVD+R/-R DL, CD-R/CD-RW, Audio CD, Video CD/SVCD, Picture files, MP3 media, WMA media, DivX Plus HD media, USB storage device

#### File formats

- Audio: .aac, .mka, .mp3, .wma, .wav
- Video: .avi, .divx, .mp4, .mkv, .asf, .mpg, .mpeg
- Picture: .jpg, .jpeg, .gif, .png

#### Audio formats

Your home theatre supports the following audio files

Extension	Container	Audio codec	Bit rate
.mp3	MP3	MP3	32 kbps ~ 320 kbps
.wma	ASF	WMA	64 kbps ~ 160 kbps
.aac	AAC	AAC, HE- AAC	192 kbps
.wav	WAV	PCM	1.4 Mbps
.m <del>4</del> a	MKV	AAC	192 kbps
.mka	MKA	PCM	27.648 Mbps
.mka	MKA	Dolby Digital	640 kbps
.mka	MKA	DTS core	1.54 Mbps
.mka	MKA	MPEG	912 kbps
.mka	MKA	MP3	32 kbps ~ 320 kbps
.mka	MKA	WMA	64 kbps ~ 160 kbps
.mka	MKA	AAC, HE- AAC	192 kbps

#### Video formats

If you have a high definition TV, your home theatre allows you to play your video files with:

- Resolution: 1920 x 1080 pixels at
- Frame rate: 6–30 frames per second.

#### .avi files in AVI container

Audio codec	Video codec	Bit rate
PCM, Dolby Digital, DTS core, MP3, WMA	DivX 3.11, DivX4.x, DivX5.x, DivX6.x	10 Mbps max
	MPEG 1, MPEG 2	20 Mbps (peak 40 Mbps)
	MPEG 4 ASP	10 Mbps max
	H.264/AVC HP@4.1/4.0; MP@3.2/3.1/3.0	20 Mbps (peak 40 Mbps)

#### .divx files in AVI container

Audio codec	Video codec	Bit rate
PCM, Dolby Digital, MP3, WMA	DivX 3.11, DivX4.x, DivX5.x, DivX6.x	10 Mbps max
	MPEG 1, MPEG 2	20 Mbps (peak 40 Mbps)
	MPEG 4 ASP	10 Mbps max

#### .mp4 or .m4v files in MP4 container

Audio codec	Video codec	Bit rate		
Dolby Digital, MPEG, MP3, AAC, HE- AAC	MPEG 1, MPEG 2	20 Mbps (peak 40 Mbps)		
	MPEG 4 ASP	10 Mbps max		
	H.264/AVC HP@4.1/4.0; MP@3.2/3.1/3.0	20 Mbps (peak 40 Mbps)		

#### .mkv files in MKV container

Audio codec	Video codec	Bit rate
PCM, Dolby Digital, DTS core, MPEG, MP3, WMA, AAC, HE- AAC	MPEG 1, MPEG 2	20 Mbps (peak 40 Mbps)
	MPEG 4 ASP	10 Mbps max
	H.264/AVC HP@4.1/4.0; MP@3.2/3.1/3.0	20 Mbps (peak 40 Mbps)

## **Amplifier**

- Total output power: 300 W RMS (30% THD)
- Frequency response: 20 Hz-20 kHz / ±3 dB
- Signal-to-noise ratio: > 65 dB (CCIR)/ (A-weighted)
- Input sensitivity:
  - AUX: 2 V
  - Music iLink: 1 V

#### Video

- Signal system: PAL/NTSC
- HDMI output: 480i/576i, 480p/576p, 720p, 1080i, 1080p, 1080p24

#### Audio

- S/PDIF Digital audio input:
  - Coaxial: IEC 60958-3
  - Optical: TOSLINK
- Sampling frequency:
  - MP3: 32 kHz, 44.1 kHz, 48 kHz
  - WMA: 44.1 kHz, 48 kHz
- Constant bit rate:
  - MP3: 32 kbps 320 kbps
  - WMA: 48 kbps 192 kbps

#### Radio

- · Tuning range:
  - Europe/Russia/China: FM 87.5-108 MHz (50 kHz)
  - Asia Pacific/Latin America: FM 87.5-108 MHz (50/100 kHz)
- Signal-to-noise ratio: FM 50 dB
- Frequency response: FM 200 Hz-12.5 kHz / ±6 dB

#### **USB**

- Compatibility: Hi-Speed USB (2.0)
- Class support: USB Mass Storage Class (MSC)
- File system: FAT16, FAT32, NTFS
- Maximum memory support: < 160 GB</li>

#### Main unit

- Power supply:
  - Europe/China/Russia/India: 220-240 V~. 50 Hz
  - Latin America/Asia Pacific: 110-240 V~, 50-60 Hz
- Power consumption: 60 W
- Standby power consumption: ≤ 0.9 W
- Dimensions (WxHxD): 360 x 58 x 325 mm
- Weight: 2.40 kg

#### Subwoofer

- Output power: 50 W RMS (30% THD)
- Impedance: 4 ohm
- Speaker drivers: 133 mm (5.25") woofer
- Dimensions (W x H x D): 160 x 265 x 265 mm
- Weight: 2.50 kg
- Cable length: 3 m

#### Speakers

#### Centre speaker:

- Output power: 50 W RMS (30% THD)
- Speaker impedance: 4 ohm
- Speaker drivers: 1 x 63.5 mm (2.5") woofer
- Dimensions (W x H x D): 159 x 84.5 x 80 mm
- Weight: 0.35 kg
- Cable length: 2 m

#### Front/Rear speaker:

- Output power: 4 x 50 W RMS (30% THD)
- Speaker impedance: 4 ohm
- Speaker drivers: 1 x 63.5 mm (2.5") woofer
- Dimensions (WxHxD): 84.5 x159 x 80 mm
- Weight (front speakers): 0.35 kg/each
- Weight (rear speakers): 0.35 kg/each
- Cable length (front speakers): 3 m
- Cable length (rear speakers): 7 m

#### Remote control batteries

2 x AAA-R03-1.5 V

#### Laser

- Laser Type (Diode): InGaN/AIGaN (BD), AIGaInP (DVD/CD)
- Wave length: 405 +7 nm/-7 nm (BD), 655 +10 nm/-10 nm (DVD), 790 +10 nm/-20 nm (CD)
- Output power (Max. ratings): 20 mW (BD), 6 mW (DVD), 7 mW (CD)

## 9 Troubleshooting

## A

#### Warning

 Risk of electric shock. Never remove the casing of the product.

To keep the warranty valid, never try to repair the product yourself.

If you have problems using this product, check the following points before you request service. If you still have a problem, register your product and get support at www.philips.com/welcome.

#### Main unit

#### The buttons on the home theatre do not work.

 Disconnect the home theatre from the power supply for a few minutes, then reconnect.

#### **Picture**

#### No picture.

 Make sure that the TV is switched to the correct source for the home theatre.

#### No picture on a TV connected through HDMI.

- Make sure that the HDMI cable is not faulty.
   If it is faulty, replace it with a new cable.
- Press A (Home) and then 731 on the remote control to restore the default picture resolution.
- Change the HDMI video setting, or wait for 10 seconds for auto recovery (see 'Picture resolution' on page 21).

#### Disc does not play high-definition video.

- Make sure that the disc contains highdefinition video.
- Make sure that the TV supports highdefinition video.
- Use an HDMI cable to connect to the TV.

#### Sound

#### No sound from home theatre speakers.

- Connect the audio cable from your home theatre to your TV or other devices. You do not need a separate audio connection when the home theatre and TV are connected through an HDMI ARC connection.
- Set up the audio for the connected device (see 'Set up audio for connected devices' on page 12).
- Reset your home theatre to its factory settings (see 'Apply factory settings' on page 24), then switch it off and switch on again.
- On your home theatre, press **SOURCE** repeatedly to select the correct audio input.

#### Distorted sound or echo.

 If you play audio from the TV through the home theatre, make sure that the TV is muted.

#### Audio and video are not synchronised.

1) Press III SOUND SETTINGS. 2) Press
the Navigation buttons (left/right) to select
AUD SYNC, and then press OK. 3) Press
the Navigation buttons (up/down) to
synchronise the audio with the video.

#### Play

#### Cannot play a disc.

- Clean the disc
- Make sure that the home theatre supports the type of disc (see 'Media formats' on page 26).
- Make sure that the home theatre supports the region code of the disc (see 'Region codes' on page 26).
- If the disc is a DVD±RW or DVD±R disc, make sure that it is finalised.

#### Cannot play a DivX file.

- Make sure that the DivX file is encoded according to the 'Home Theatre Profile' with the DivX encoder.
- Make sure that the DivX file is complete.

## DivX or RMVB/RM subtitles do not display correctly.

- Make sure that the subtitle file name is the same as the movie file name (see 'Subtitles' on page 17).
- Select the correct character set: 1) Press = OPTIONS. 2) Select [Character Set].
  - 3) Select the supported character set.
  - Press OK.

#### Cannot read the contents of a USB storage device.

- Make sure that the format of the USB storage device is compatible with the home theatre.
- Make sure that the file system on the USB storage device is supported by the home theatre.

#### 'No entry' or 'x' sign appears on the TV.

The operation is not possible.

#### EasyLink does not work.

Make sure that the home theatre is connected to a Philips brand EasyLink TV, and the EasyLink option is on (see 'EasyLink' on page 20).

#### When you switch on the TV, the home theatre automatically switches on.

This behaviour is normal when you are using Philips EasyLink (HDMI-CEC). To make the home theatre work independently, switch off EasyLink.

#### Cannot access BD-Live features.

- Make sure that the home theatre is connected to the network (see 'Set up the wired network' on page 13).
- Make sure that the network is set up (see 'Set up the wired network' on page 13).
- Make sure that the Blu-ray disc supports BD-Live features.
- Clear memory storage (see 'Clear memory' on page 16).

#### TV screen is black when you play a Blu-ray video or a DivX copy protected video.

- Make sure that the home theatre is connected to the TV through an HDMI cable.
- Switch to the correct HDMI source on the

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