Always there to help you

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



HTB3270



User manual



Contents

1	Important Safety Care for your product Care of the environment 3D health warning	2 2 3 3 3
	3D Health Warriing)
2	Your home theater Main unit Remote control Connectors	5 5 5 6
3	Connect and set up Connect speakers Connect to TV Connect audio from TV and other devices Set up EasyLink (HDMI-CEC control) Connect and set up a home network	8 8 8 10 11 12
4	Use your home theater Access the home menu Discs Data files USB storage devices Audio, video, and picture options Radio MP3 player Smartphone control Browse PC through DLNA Choose sound	14 14 14 16 17 17 18 19 19 20 22
5	Change settings Language settings Picture and video settings Audio settings Parental control settings Display settings Energy saving settings Speaker settings Restore default settings	24 24 24 25 25 25 25 26 26

6	Update software	27
	Check software version	27
	Update software through USB	27
	Update software through the Internet	28
7	Product specifications	29
8	Troubleshooting	33
9	Notice	35
	Copyright	35
	Open source software	35
	Compliance	35
	Trademarks	35
10	Language code	37
11	Index	38

1 Important

Read and understand all instructions before you use your product. 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 outlet immediately. Contact Philips Consumer Care to have the product checked before use.
- 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.
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Disconnect the product from the power outlet 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 outlet, ensure that the power voltage matches the value printed on the back or bottom of the product. Never connect the product to the power outlet if the voltage is different.

Risk of injury or damage to the home theater!

 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 results 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 outlet.
- Visible and invisible laser radiation when open. Avoid exposure to beam.
- Do not touch the disc optical lens inside the disc compartment.
- Parts of this product can 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 alkaine, etc.).
- Danger of explosion if batteries are incorrectly replaced. Replace only with the same or equivalent type.
- 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/button type battery, which can be swallowed. Keep the battery out of reach of children at all times! If swallowed, the battery can cause serious injury or death. Severe internal burns can occur within two hours of ingestion.

- If you suspect that a battery has been swallowed or placed inside any part of the body, seek immediate medical attention.
- When you change the batteries, always keep all new and used batteries out of reach of children. Ensure that the battery compartment is completely secure after you replace the battery.
- If the battery compartment cannot be completely secured, discontinue use of the product. Keep out of reach of children and contact the manufacturer.



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

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 microfiber cloth to clean the product.

Care of 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 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 environmental and human health

3D health warning

If you or your family has a history of epilepsy or photosensitive seizures, consult a medical professional before exposing yourself to flashing light sources, rapid image sequences or 3D viewing.

To avoid discomfort such as dizziness, headache or disorientation, we recommend not watching 3D for extended periods of time. If you experience any discomfort, stop watching 3D and do not immediately engage in any potentially hazardous activity (for example driving a car) until your symptoms have disappeared. If symptoms persist, do not resume watching 3D without consulting a medical professional first.

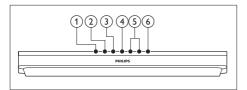
Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under six years of age as their visual system is not fully developed yet.

2 Your home theater

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers(e.g. notification of product software upgrade), register your product at www.philips.com/welcome.

Main unit

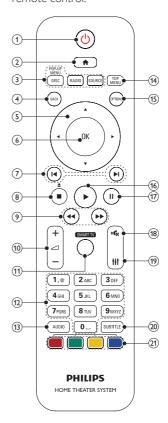
This section includes an overview of the main unit.



- ① <u>▲ (Open/Close)</u> Open or close the disc compartment.
- ③ **(Stop)** Stop play.
- SOURCE
 Select an audio or video source for the home theater.
- (6) \circlearrowleft (Standby-On) Switch the home theater on or to standby.

Remote control

This section includes an overview of the remote control



- 1 (Standby-On)
 - Switch the home theater 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.
- ② ♠ (Home)

Access the home menu.

(3) 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.
- SOURCE: Select an audio input source.

(4) BACK

- 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.

- Skip to the previous or next track, chapter or file.
- In radio mode, select a preset radio station.

(Stop) / **≜** (Open/Close)

- Stop play.
- Press and hold for three seconds to open or close the disc.
- (9) ◀◀/►► (Fast Backward / Fast Forward) Search backwards or forward. Press repeatedly to change the search speed.
- 10 4+/- (Volume)

Increase or decrease volume.

11) SMART TV

This feature is not available on this version.

12 Alphanumeric buttons

Enter values or letters (using SMS style entry).

(13) AUDIO

Select an audio language or channel.

(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) Ht

Access or exit sound options.

20) SUBTITLE

Select subtitle language for video.

(21) Color buttons

Select tasks or options for Blu-ray discs.

Connectors

This section includes an overview of the connectors available on your home theater.

Front connectors



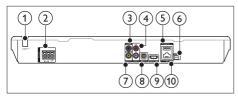
1 AUDIO IN

Audio input from an MP3 player (3.5mm jack).

(USB) € (USB)

- Audio, video or picture input from a USB storage device.
- Connect a USB mass storage to access BD-Live.

Rear connectors



(1) AC MAINS

Fixed AC power cable.

(2) SPEAKERS

Connect to the supplied speakers and subwoofer:

(3) DIGITAL IN-COAXIAL

Connect to a coaxial audio output on the TV or a digital device.

(4) AUDIO IN-AUX

Connect to an analog audio output on the TV or an analog device.

(5) USB(VOD)

Slot for a USB storage device. The USB storage device is used to rent online videos.

(6) FM ANTENNA

Connect to the supplied FM antenna.

(7) VIDEO OUT

Connect to the composite video input on the TV.

(8) DIGITAL IN-OPTICAL

Connect to an optical audio output on the TV or a digital device.

9 HDMI OUT (ARC)

Connect to the HDMI input on the TV.

(10) LAN

Connect to the LAN input on a broadband modem or router.

3 Connect and set up

This section helps you connect your home theater to a TV and other devices, and then set it up.

For information about the basic connections of your home theater and accessories, see the quick start guide.



Note

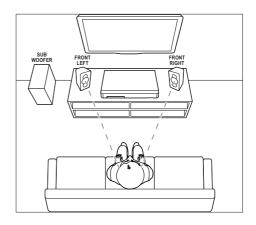
- For identification and supply ratings, see the type plate at the back or bottom of the product.
- Before you make or change any connections, make sure that all devices are disconnected from the power outlet.

Connect speakers

The speaker cables are color-coded for easy connection. To connect a speaker to your home theater, match the color on the speaker cable to the color on the connector.

Speaker position plays a critical role in setting up a surround sound effect. For best effect, position all the speakers towards the seating position and place them close to your ear level (seated).

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





Note

 Surround sound depends on various factors such as room shape and size, type of wall and ceiling, windows and reflective surfaces, and speaker acoustics.

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

- 1 Seating position:
 This is the center of your listening area.
- 2 SPEAKER LEFT (speaker left) and SPEAKER RIGHT (speaker right) speakers: Place the left and right speakers in the front, and equidistant from the main unit in an arc, so that the two speakers are at same distance from your seating position. For best effect, point the speakers towards the seating position and place the speakers close to the ear level (when seated).
- 3 SUBWOOFER (subwoofer):
 Place the subwoofer at least one meter to the left or right of the TV. Leave about ten centimeter clearance from the wall.

Connect to TV

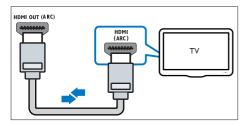
Connect your home theater to a TV to watch videos. You can listen to the TV audio through your home theater speakers.

Use the best quality connection available on your home theater and TV.

Option 1: Connect to TV through HDMI (ARC)

Best quality video

Your home theater supports HDMI version with Audio Return Channel (ARC). If your TV is HDMI ARC compliant, you can hear the TV audio through your home theater by using a single HDMI cable.

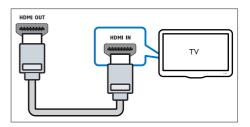


- Using a High Speed HDMI cable, connect the HDMI OUT (ARC) connector on your home theater to the HDMI ARC connector on the TV.
 - The HDMI ARC connector on the TV might be labeled differently. For details, see the TV user manual.
- 2 On your TV, turn on HDMI-CEC operations. For details, see the TV user manual.
 - HDMI-CEC is a feature that enables CEC compliant devices that are connected through HDMI to be controlled by a single remote control, such as volume control for both the TV and the home theater. (see 'Set up EasyLink (HDMI-CEC control)' on page 11)
- If you cannot hear the TV audio through your home theater, set up the audio manually. (see 'Set up the audio' on page 12)

Option 2: Connect to TV through standard HDMI

Best quality video

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



- Using a High Speed HDMI cable, connect the HDMI OUT (ARC) connector on your home theater to the HDMI connector on the TV
- 2 Connect an audio cable to hear the TV audio through your home theater (see 'Connect audio from TV and other devices' on page 10).
- 3 On your TV, turn on HDMI-CEC operations. For details, see the TV user manual.
 - HDMI-CEC is a feature that enables CEC compliant devices that are connected through HDMI to be controlled by a single remote control, such as volume control for both the TV and the home theater. (see 'Set up EasyLink (HDMI-CEC control)' on page 11)
- 4 If you cannot hear the TV audio through your home theater, set up the audio manually. (see 'Set up the audio' on page 12)



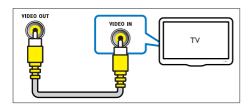
Vote

 If yourTV has a DVI connector, you can use an HDMI/ DVI adapter to connect to TV. However, some of the features may not be available.

Option 3: Connect to the TV through composite video

Basic quality video

If yourTV does not have HDMI connectors, use a composite video connection. A composite connection does not support high-definition video.



- Using a composite video cable, connect the VIDEO OUT connector on your home theater to the VIDEO IN connector on the TV.
 - The composite video connector might be labeled AV IN, COMPOSITE, or BASEBAND.
- 2 Connect an audio cable to hear the TV audio through your home theater (see 'Connect audio from TV and other devices' on page 10).
- When you watch TV programs, press SOURCE on your home theater repeatedly to select the correct audio input.
- 4 When you watch videos, switch your TV to the correct video input. For details, see the TV user manual.

Connect audio from TV and other devices

Play audio from TV or other devices through your home theater speakers.

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

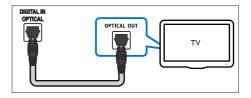


Vote

 When your home theater and TV are connected through HDMI ARC, an audio connection is not required (see 'Option 1: Connect to TV through HDMI (ARC)' on page 9).

Option 1: Connect audio through a digital optical cable

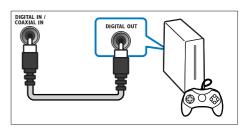
Best quality audio



- Using an optical cable, connect the OPTICAL connector on your home theater to the OPTICAL OUT connector on the TV or other device.
 - The digital optical connector might be labeled SPDIF or SPDIF OUT.

Option 2: Connect audio through a digital coaxial cable

Best quality audio

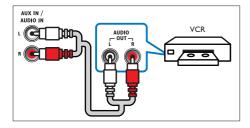


- Using a coaxial cable, connect the COAXIAL connector on your home theater to the COAXIAL/DIGITAL OUT connector on the TV or other device.
 - The digital coaxial connector might be labeled **DIGITAL AUDIO OUT**.

Option 3: Connect audio through analog audio cables

Basic quality audio

1 Using an analog cable, connect the AUX connectors on your home theater to the AUDIO OUT connectors on the TV or other device



Set up EasyLink (HDMI-CEC control)

This home theater 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.



Note

- Depending on the manufacturer, HDMI-CEC is known by many names. For information on your device, see the user manual of the device.
- Philips does not guarantee 100% interoperability with all HDMI-CEC devices.

Before you start

- Connect your home theater to the HDMI-CEC compliant device through HDMI connection.
- Make the necessary connections described in the quick start guide, and then switch the TV to the correct source for your home theater.

Enable EasyLink

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [EasyLink] > [EasyLink] > [On].
- 4 On your TV and other connected devices, turn on HDMI-CEC control. For details, see the user manual of the TV or other devices.
 - On yourTV, set the audio output to 'Amplifier' (instead ofTV speakers).
 For details, see the TV user manual.

EasyLink controls

With EasyLink, you can control your home theater, TV, and other connected HDMI-CEC compliant devices with a single remote control.

- [One Touch Play] (One-touch play): When a video disc is in the disc compartment, press ▶ (Play) to wake up the TV from standby, and then play a disc.
- [One Touch Standby] (One-touch standby): If one-touch standby is enabled, your home theater can switch to standby with the remote control of the TV or other HDMI-CEC devices.
- [System Audio Control] (System audio control): If system audio control is enabled, the audio of the connected device is output through your home theater speakers automatically when you play the device.
- [Audio Input Mapping] (Audio input mapping):If system audio control does not work, map the connected device to the correct audio input connector on your home theater. (see 'Set up the audio' on page 12)



Note

To change the EasyLink control settings, press
 (Home), select [Setup] > [EasyLink].

Set up the audio

If you cannot hear the audio output of a connected device through your home theater speakers, do the following:

- Check that you have enabled EasyLink on all the devices, (see 'Set up EasyLink (HDMI-CEC control)' on page 11) and
- on your TV, set the audio output to "Amplifier" (instead of TV speakers). For details, see the TV user manual, and
- setup the EasyLink audio control.
- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [EasyLink] > [System Audio Control] > [On].
 - To play the audio from the TV speakers, select [Off], and skip the following steps.
- 4 Select [EasyLink] > [Audio Input Mapping].
- Follow the onscreen instructions to map the connected device to the audio inputs on your home theater:
 - If you connect your home theater to the TV through an HDMI ARC connection, make sure that the TV audio is mapped to the ARC input on your home theater.

Connect and set up a home network

Connect your home theater to a network router for a network setup, and enjoy:

- Streamed multimedia content (see 'Browse PC through DLNA' on page 20)
- Smartphone control (see 'Smartphone control' on page 19)
- BD Live applications (see 'BD-Live on Bluray' on page 15)
- Software update (see 'Update software through the Internet' on page 28)



Caution

 Familiarize yourself with the network router, media server software and networking principles. If necessary, read documentation that accompanies the network components. Philips is not responsible for lost, damaged, or corrupt data.

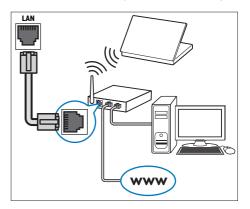
Before you start

 Make the necessary connections described in the quick start guide, and then switch the TV to the correct source for your home theater.

Set up the wired network

What you need

- A network cable (RJ45 straight cable).
- A network router (with DHCP enabled).



- 1 Using a network cable, connect the LAN connector on your home theater to the network router.
- 2 Press ♠ (Home).
- **3** Select [Setup], and then press **OK**.
- 4 Select [Network] > [Network installation] > [Wired (Ethernet)].
- Follow the onscreen instructions to complete the setup.
 - If connection fails, select [Retry], and then press OK.

- 6 Select [Finish], and then press OK to exit.
 - To view the network settings, select [Setup] > [Network] > [View network settings].

Personalize the network name

Name your home theater to easily identify it on your home network.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Network] > [Name your Product:].
- 4 Press the Alphanumeric buttons to enter the name.
- 5 Select [Done], and then press OK to exit.

Use your home theater

This section helps you use the home theater 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.
- Complete the first-time setup. First-time setup appears when you turn on your home theater for the first time or if you do not complete the setup.
- Switch the TV to the correct source for your home theater (for example, HDMI, AV IN).

Access the home menu

The home menu provides easy access to connected devices, setup and other useful features in your home theater.

- Press **(Home)**.
 - → The home menu is displayed.
- 2 Press the Navigation buttons and OK to select the following:
 - [play Disc]: Start disc play.
 - [browse USB]: Access the USB content browser.
 - [Smart TV]: This feature is not available on this version.
 - [browse PC]: Access the computer content browser.
 - [Setup]: Access menus to change video, audio and other settings.
- Press **(Home)** to exit.

Discs

Your home theater 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, videos, and music.

- Insert a disc into the home theater.
- If the disc does not play automatically, press DISC or select [play Disc] from the home menu.
- 3 Use the remote control to control play (see 'Play buttons' on page 14).
 - It is normal to hear a little noise when you play a Blu-ray disc. This does not mean that your home theater is faulty.

Play buttons

Button	Action	
Navigation	Navigate menus.	
buttons	Up/Down: Rotate the picture	
	clockwise or counter-clockwise.	
OK	Confirm an entry or selection.	
► (Play)	Start or resume play.	
П	Pause play.	
■ / ▲	Stop play.	
	Press and hold for three seconds	
	to open or close the disc	
	compartment.	
 	Skip to the previous or next track,	
	chapter or file.	
44 / >>	Search fast backwards or forward.	
	When a video is paused, search	
	slow backwards or forward.	
SUBTITLE	Select subtitle language for video.	
DISC/	Access or exit the disc menu.	
POP-UP		
MENU		
≡	Access the advanced options	
OPTIONS	when you play your audio, video,	
	or media files (see 'Audio, video,	
	and picture options' on page 17).	

Synchronize picture and sound

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

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

Play Blu-ray 3D disc

Your home theater can play Blu-ray 3D video. Read the 3D health warning before playing a 3D disc.

What you need

- A 3DTV
- A pair of 3D glasses that are compatible with your 3DTV
- A 3D Blu-ray video
- A high speed HDMI cable
- 1 Using the high speed HDMI cable, connect your home theater to a 3D compatible TV.
- Make sure that the 3D video setting is enabled. Press ♠ (Home), select [Setup] > [Video] > [Watch 3D video] > [Auto].
 - To play 3D discs in 2D mode, select [Off].
- 3 Play a Blu-ray 3D disc and put on the 3D glasses.
 - During video search and in certain play modes, the video is displayed in 2D.
 The video display returns to 3D when you resume play.



• To avoid flickering, change the brightness of the display.

Bonus View on Blu-ray

On Blu-ray discs that support the Bonus View, enjoy extra content such as commentaries in a small screen window. Bonus View is also known as picture-in-picture.

- 1 Enable Bonus View in the Blu-ray disc menu.
- 2 While you play the movie, press **□** OPTIONS.
 - → The options menu is displayed.
- 3 Select [PIP selection] > [PIP].
 - Depending on the video, PIP menu [1] or [2] is displayed.
 - To disable Bonus View, select [Off].
- 4 Select [2nd audio language] or [2nd Subtitle Language].
- 5 Select the language, and then press **OK**.

BD-Live on Blu-ray

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

BD-Live services and content vary from disc to disc.

What you need

- Blu-ray disc with BD-Live content
- a USB storage device, with at least 1 GB of memory
- 1 Connect your home theater to a home network with Internet access (see 'Connect and set up a home network' on page 12).
- 3 Press ♠ (Home) and select [Setup] > [Advanced] > [BD-Live security] > [Off].
 - To disable BD-Live, select **[On]**.
- 4 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 option.



Note

To clear the memory on the storage device, press
 (Home), select [Setup] > [Advanced] > [Clear memory].

Data files

Your home theater can play pictures, audio and video files contained in a disc or a USB storage device. Before you play a file, check that the file format is supported by your home theater (see 'File formats' on page 29).

- 1 Play the files from a disc or USB storage device.
- 2 To stop play, press ■.
 - To resume the video from where you stopped, press ► (Play).
 - To play the video from the start, press OK.



Note

 To play DivX DRM protected files, connect your home theater to a TV through an HDMI cable.

Subtitles

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



Note

- Make sure that the subtitle file has the exact same name as the video file. For example, if the video file is named 'movie.avi', name the subtitle file as 'movie.srt' or 'movie.sub'.
- Your home theater supports the following file formats: .srt, .sub, .txt, .ssa, .ass, smi, and .sami. If the subtitles do not appear correctly, change the character set.
- 1 While playing video, press **SUBTITLE** to select a language.
- 2 For DivX or RMVB/RM videos, if the subtitles do not appear correctly, continue the following steps to change the character set.
- 3 Press OPTIONS.
 - → The options menu is displayed.
- 4 Select [Character set], and then select a character set that supports the subtitle.

Europe, India, LATAM, and Russia

Character	Language
Set	
[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
[Baltic]	Estonian, Latvian and Lithuanian

VOD code for DivX

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

- 1 Press ♠ (Home).
- Select [Setup], and then press OK.

 Select [Advanced] > [DivX®VOD Code].
 - → The DivX VOD registration code for
 - your home theater is displayed.

USB storage devices

Enjoy pictures, audio, and video stored on a USB storage device such as an MP4 player or digital camera.

What you need

- A USB storage device that is formatted for FAT or NTFS file systems, and complies with the Mass Storage Class.
- A media file in one of the supported file formats (see 'File formats' on page 29).



Note

- If you use a USB extension cable, USB HUB, or USB multi-reader, the USB storage device may not be recognized.
- 1 Connect a USB storage device to the (USB) connector on your home theater.
- 2 Press ♠ (Home).
- Select [browse USB], and then press OK.→ A content browser is displayed.
- 4 Select a file, and then press **OK**.
- 5 Press the play buttons to control play (see 'Play buttons' on page 14).

Audio, video, and picture options

Use advanced features when you play pictures, audio and video 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:
 - · Repeat the current track or file.
 - Repeat all the tracks on the disc or the folder.
 - 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 color 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 degree clockwise.
 - [Rotate -90]: Rotate the picture 90 degree counter-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 slide show.
 - [Picture settings]: Select a predefined color setting.
 - [Repeat]: Repeat a selected folder.

Musical slideshow

If the picture and audio files are from the same disc or USB storage device, you can create a musical slideshow.

- 1 Select an audio track, and then press **OK**.
- 2 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.



Note

 Make sure that the picture and audio formats are supported by your home theater (see 'File formats' on page 29).

Radio

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



Note

- AM and digital radio are not supported.
- If no stereo signal is detected, you are prompted to install the radio stations again.
- 1 Connect the FM antenna to the FM ANTENNA on your home theater.
 - For the best reception, place the antenna away from your TV or other sources of radiation.
- Press RADIO repeatedly until RADIO appears on the display panel.
 - 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** Use the remote control to listen or to change radio stations.

Play buttons	
Button	Action
 	Select a preset radio station.
or	
Alphanumeric	
buttons	
Navigation	Left/Right: Search for a radio
buttons	station.
	Up/Down: Fine tune a radio
	frequency.
	Press to stop the installation of
	radio stations.
⇒ BACK	Press and hold to erase the
	preset radio station.
≔ OPTIONS	Manual:
	 Press ≡ OPTIONS.
	2) Press ◀ / ►I to select your
	preset.
	 Press ≡ OPTIONS again
	to store the radio station.
	Automatic: Press and hold for
	three seconds to reinstall the
	radio stations.
SUBTITLE	Toggle between the stereo
	and mono sounds.

Tuning grid

In some countries, you can toggle the FM tuning grid between 50 kHz and 100 kHz. When you switch the tuning grid, all preset radio stations are erased.

- 1 Press **RADIO** on the remote control to switch to radio mode.
- 2 Press ■.
- Press and hold ► (Play) to toggle between 50 kHz or 100 kHz.

MP3 player

Connect a MP3 player to play audio files.

What you need

- An MP3 player.
- A 3.5mm stereo audio cable.
- 1 Using the 3.5mm stereo audio cable, connect the MP3 player to the AUDIO-IN connector on your home theater.
 - If you use 6.5mm stereo audio cable, connect the MP3 player to your home theater using a 3.5mm - 6.5mm converter jack.
- Press SOURCE repeatedly until AUDIO-IN appears on the display panel.
- Press the buttons on the MP3 player to select and play audio files.

Smartphone control

Use your mobile device such as iPhone (iOS 3.1.3 and above), Android phone (2.1 and above), iPad, or tablet to:

- Control your home theater
- Browse a data disc or USB storage device
- Stream and share content from the devices on your home network

Before you start

- Connect your home theater, mobile device, and other DLNA-compatible devices to the same home network.
 - For better video quality, use wired connection whenever possible.
- Personalize the network name for your home theater (see 'Personalize the network name' on page 13).
- Download Philips **MyRemote** application on your mobile device.
 - For iPhone or iPad, search for the app in **App Store** (App Store).
 - For Android based phone or tablet, search for the app in Market (Market).

Control your home theater

- 1 On the mobile device, access MyRemote application.
- 2 Select your home theater (by its network name) from the home screen.
 - → A browsing bar is displayed at the bottom of the screen.
 - If your home theater is not found, check the network connection or tap the **Devices** tab on your mobile device to search again.
- 3 Select one of the following tabs to access more options.
 - To return to the previous screen, press back button.

Option	Action	
Арр	Return to the home screen of your	
Home	device.	
Media	DISC: Browse and play a file stored	
	on a data disc.	
	USB: Browse and play a file stored	
	on a USB storage device.	
Remote	Access the remote control on your	
	mobile device. Swipe the screen	
	to the left or right to access more	
	buttons. Only the relevant buttons	
	are enabled on your mobile device.	
	Some functions such as switch-on	
	from standby and long press, are not	
	available on the mobile device.	

4 Follow the onscreen instructions to select an option or complete the set up.

Stream multimedia content (SimplyShare)

Philips SimplyShare allows you to use your smartphone to stream multimedia content (such as pictures, audio and video files), and play through your home theater or any DLNA-compatible device in the same home network.

Before you start

- Install a DLNA-compliant media server application on your mobile device, such as Twonky Media Server.
- Enable media sharing of files. For details, check the user manual of the media server software software.
- 1 On the mobile device, launch the media server application. For iPhone or Android phone, access **MyRemote** application.
- 2 From the menu of your mobile device, select SimplyShare.
 - Your home theater and other devices on the home network are automatically detected and displayed on the screen.
- 3 Select a device on the network.
 - → The folders in the selected device are displayed. Depending on the media server, the folder names may vary.
 - If you cannot see the folders, make sure that you enable media sharing on the selected device so that the content is available for sharing.
- 4 Select a media file to play.
 - From the menu on your mobile device, select the home theater to stream the media file to your home theater.
 - Some media files may not display or play due to compatibility issues.
 For your home theater, check the supported file formats.
- **6** Use your mobile device to control play.

Browse PC through DLNA

Access and play the pictures, audio and video files from a computer or media server on the home network through your home theater.

Before you start

 Install a DLNA-compliant media server application on your device. Make sure that you download an application that works best for you. For example,

- Windows Media Player 11 or higher for PC
- Twonky Media Server for Mac or PC
- Enable media sharing of files. For ease of use, we have included the steps for the following applications:
 - Windows Media Player 11 (see 'Microsoft Windows Media Player 11' on page 21)
 - Windows Media Player 12 (see 'Microsoft Windows Media Player 12' on page 21)
 - Twonky Media for Mac (see 'Macintosh OS XTwonky Media (v4.4.2)' on page 22)



Vote

 For additional help on these applications or other media servers, check the user manual of the media server software software.

Set up media server software

To enable media sharing, set up the media server software.

Before you start

- Connect your home theater to a home network. For better video quality, use wired connection whenever possible.
- Connect the computer and other DLNAcompatible devices to the same home network.
- Make sure that your PC firewall allows you to run Media Player programs (or the firewall's exemption list has the media server software included).
- Switch on your computer and the router.

Microsoft Windows Media Player 11

- 1 Start Windows Media Player on your PC.
- 2 Click the Library tab, and then select Media Sharing.

- The first time you select Media Sharing on your PC,a pop-up screen appears. Check the Share my media box and click OK.
 - → The **Media Sharing** screen is displayed.
- 4 In the Media Sharing screen, make sure that you see a device marked as Unknown Device.
 - If you don't see an unknown device after a minute or so, check that your PC firewall is not blocking the connection.
- 5 Select the unknown device and click Allow.
 - → A green tick appears next to the device.
- 6 By default, Windows Media Player shares from these folders: My Music, My Pictures, and My Videos. If your files are in other folders, select Library > Add to Library.
 - → The Add to Library screen is displayed.
 - If necessary, select Advanced options to display a list of monitored folders.
- 7 Select My folders and those of others I can access, and then click Add.
- **8** Follow the onscreen instructions to add the other folders that contain your media files.

Microsoft Windows Media Player 12

- 1 Start Windows Media Player on your PC.
- In Windows Media Player, click the Stream tab, and then select Turn on media streaming.
 - → The Media streaming options screen is displayed.
- 3 Click Turn on media streaming.
 - → You return to Windows Media Player screen.
- 4 Click the Stream tab and select More streaming options.
 - → The **Media streaming options** screen is displayed.

- Make sure that you see a media program in the **Local network** screen.
 - → If you don't see a media program, check that your PC firewall is not blocking the connection.
- 6 Select the media program and click Allowed.
 - → A green arrow appears next to the media program.
- By default, Windows Media Player shares from these folders: My Music, My Pictures, and My Videos. If your files are in other folders, click the Organize tab and select Manage libraries > Music.
 - The Music Library Locations screen is displayed.
- 8 Follow the onscreen instructions to add the other folders that contain your media files

Macintosh OS X Twonky Media (v4.4.2)

- 1 Visit www.twonkymedia.com to purchase the software, or download a free 30-day trial to your Macintosh.
- 2 Start Twonky Media on the Macintosh.
- 3 In the Twonky Media Server screen, select Basic Setup and First Steps.
 - → The First steps screen is displayed.
- 4 Type a name for your media server, and then click Save changes.
- Back in the Twonky Media screen, select Basic Setup and Sharing.
 - → The **Sharing** screen is displayed.
- 6 Browse and select folders to share, and then select Save Changes.
 - Your Macintosh rescans the folders automatically so that they are ready to share.

Play files from your PC



Note

- Before you play multimedia content from the computer, make sure that the home theater is connected to the home network, and the media server software is properly set up.
- 1 Press ♠ (Home).
- 2 Select [browse PC], and then press OK.
 - → A content browser is displayed.
- **3** Select a device on the network.
 - → The folders in the selected device are displayed. Depending on the media server, the folder names may vary.
 - If you cannot see the folders, check that you have enabled media sharing on the selected device so that the content is available for sharing.
- 4 Select a file, and then press OK.
 - Some media files may not play due to compatibility issues. Check the file formats supported by your home theater.
- 5 Press the play buttons to control play (see 'Play buttons' on page 14).

Choose sound

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

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

Sound options	Description	
SURROUND	Select surround sound or	
	stereo sound.	
SOUND Select a sound mode.		
AUD SYNC	Delay the audio to match the	
	video.	

Sound options	Description
AUTO VOL	Reduce sudden changes in
	volume, for example, during
	TV commercials.

- 3 Select an option, and then press **OK**.
- 4 Press BACK to exit.
 - If you do not press a button within a minute, the menu exits automatically.

Surround sound mode

Experience an immersive audio experience with surround sound modes.

- 1 Press tit.
- 2 Select **SURROUND**, and then press **OK**.
- 3 Press the Navigation buttons (up/down) to select a setting from your display:
 - AUTO: Surround sound based on the audio stream.
 - VIRTUAL SURROUND: Virtual Surround.
 - STEREO: Two-channel stereo sound. Ideal for listening to music.
- 4 Press OK to confirm.

Sound mode

Select predefined sound modes to suit your video or music.

- 1 Make sure that audio post processing is enabled at the speakers (see 'Speaker settings' on page 26).
- 2 Press Ht.
- 3 Select **SOUND**, and then press **OK**.
- 4 Press the Navigation buttons (up/down) to select a setting on the display:
 - AUTO: Automatically select a sound setting based on the sound stream.
 - BALANCED: Experience the original sound of your movies and music, without added sound effects.

- POWERFUL: Enjoy thrilling arcade sounds, ideal for action-packed videos and loud parties.
- **BRIGHT**: Spice up your dull movies and music with added sound effects.
- CLEAR: Hear every detail in your music and clear voices in your movies.
- WARM: Experience spoken words and music vocals in comfort.
- **PERSONAL**: Personalize the sound based on your preferences.
- **5** Press **OK** to confirm.

Equalizer

Change the high frequency (treble), mid frequency (mid), and low frequency (bass) settings of the home theater:

- 1 Press Ht.
- 2 Select SOUND > PERSONAL, and then press Navigation buttons (right).
- 3 Press the Navigation buttons (up/down) to change bass, mid or treble frequency.
- 4 Press OK to confirm.

Auto volume

Turn on auto volume to reduce sudden changes in volume, for example, during TV commercials.

- 1 Press tit.
- 2 Select AUTO VOL, and then press OK.
- 3 Press the Navigation buttons (up/down) to select ON or OFF.
- 4 Press OK to confirm.

Change settings

The home theater settings are already configured for optimal performance. Unless you have a reason to change a setting, we recommend that you keep the default setting.



- · You cannot change a setting that is grayed out.
- To return to the previous menu, press SACK, To exit the menu, press **f** (Home).

Language settings

- Press **(Home)**.
- Select [Setup], and then press OK.
- Select [Preference], and then press OK.
- Press the Navigation buttons and OK to select and change:
 - [Menu language]: Select a display language for menu.
 - [Audio]: Select an audio language for
 - [Subtitle]: Select a subtitle language for discs.
 - [Disc menu]: Select a menu language for discs.



- · 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 (see 'Language code' on page 37).
- · If you select a language that is not available on a disc, the home theater uses the default language of the disc.

Picture and video settings

- Press **(Home)**.
- Select [Setup], and then press OK.
- Select [Video], and then press OK.
- Press the Navigation buttons and OK to select and change:
 - [Tv type]: If the video does not appear correctly, select a TV type (color system).
 - [TV display]: Select a picture format to fit the TV screen.
 - [HDMI video]: Select the resolution of video signal that is output from HDMI **OUT (ARC)** on your home theater. To enjoy the selected resolution, make sure that your TV supports the selected resolution.
 - [HDMI Deep Color]: Recreate the natural world on your TV screen by displaying vivid images using billion colors. Your home theater must be connected to a Deep Color enabled TV through an HDMI cable.
 - [Picture settings]: Select pre defined color settings for the video display.
 - [Watch 3D video]: Set HDMI video to support 3D or 2D video.



Note

 If you change a setting, make sure that the TV supports the new setting.

Audio settings

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- **3** Select [Audio], and then press **OK**.
- 4 Press the Navigation buttons and OK to select and change:
 - [Night mode]: For quiet listening, decrease the volume of loud sounds on your home theater. Night mode is only available in DVDs and Blu-ray discs with Dolby Digital, Dolby Digital Plus, and Dolby True HD soundtracks.
 - [HDMI Audio]: Set the HDMI audio output from your TV, or disable HDMI audio output from the TV.
 - [Default sound settings]: Restore
 the equalizer settings of all the sound
 modes to the default values.

Parental control settings

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Preference], and then press OK.
- 4 Press the Navigation buttons and OK to select and change:
 - [Change Password]: Set or change your password for parental control access. If you do not have a password or have forgotten your password, enter 0000.
 - [Parental control]: Restrict access to discs that are recorded with age ratings. To play all discs, irrespective of the ratings, select 8 or [Off].

Display settings

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Preference], and then press OK.
- 4 Press the Navigation buttons and OK to select and change:
 - [Auto subtitle shift]: Enable or disable automatic repositioning of subtitles on TVs that support this feature.
 - [Display panel]: Set the brightness of the home theater front panel display.
 - [VCD PBC]: Enable or disable the content menu navigation of VCD and SVCD discs with Play Back Control feature.

Energy saving settings

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Preference], and then press OK.
- 4 Press the Navigation buttons and OK to select and change:
 - [Screen saver]: Switch the home theater to screen saver mode after 10 minutes of inactivity.
 - [Auto standby]: Switch the home theater to standby after 30 minutes of inactivity. This timer works only when a disc or USB play is paused or stopped.
 - [Sleep timer]: Set the duration of the sleep timer so that the home theater is switched to standby after the specified period.

Speaker settings

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Advanced], and then press OK.
- 4 Press the Navigation buttons and OK to select and change:
 - [Enhanced audio]: Select [On] to enable audio post processing at the speaker and enable karaoke settings (if your product supports Karaoke).
 To play the original audio of the disc, select [Off].



 Enable audio post processing before you select a predefined sound mode (see 'Sound mode' on page 23).

Restore default 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 to confirm.
 - → Your home theater is reset to its default settings except for some settings such as parental control and DivXVOD registration code.

6 Update software

Philips continually tries to improve its products. To get the best features and support, update your home theater with the latest software.

Compare the version of your current software with the latest version on www.philips.com/support. If the current version is lower than the latest version available on the Philips support website, upgrade your home theater with the latest software.



Caution

 Do not install a lower version of software than the current version installed on your product. Philips is not liable for problems caused due to software downgrade.

Check software version

Check the version of the current software installed on your home theater.

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

Update software through USB

What you need

- A USB flash drive that is FAT or NTFSformatted, with at least 256MB of memory.
 Do not use a USB hard drive.
- A computer with Internet access.
- An archive utility that supports the ZIP file format.

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.
- 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.
 - → The files are extracted under the UPG_ ALL folder of your USB flash drive.
- **6** Disconnect the USB flash drive from your computer:

Step 2: Update the software



Caution

- Do not switch off the home theater or remove the USB flash drive during the update.
- 1 Connect the USB flash drive containing the downloaded file to your home theater.
 - Make sure that the disc compartment is closed and no disc inside.
- Press ♠ (Home).
- 3 Select [Setup], and then press OK.
- 4 Select [Advanced] > [Software update] > [USB].
- 5 Follow the onscreen instructions to confirm the update.
 - → Update process takes about 5 minutes to complete.
 - → Once complete, the home theater automatically switches off and restarts. If it does not, disconnect the power cord for a few seconds and then reconnect it.

Update software through the Internet

- 1 Connect your home theater to a home network with a high-speed Internet access (see 'Connect and set up a home network' on page 12).
- 2 Press ♠ (Home).
- 3 Select [Setup], and then press OK.
- 4 Select [Advanced] > [Software update] > [Network].
 - If an upgrade media is detected, you are prompted to start or cancel the update.
 - → Downloading of the upgrading file may take long, depending on your home network condition.
- 5 Follow the onscreen instructions to confirm the update.
 - → Update process takes about 5 minutes to complete.
 - → Once complete, the home theater automatically switches off and restarts. If it does not, disconnect the power cord for a few seconds and then reconnect it.

7 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 theater 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, .mp4, .m4a, .flac, .ogg
 - .ra (Available only in Asia Pacific and China)
- Video:
 - .avi, .divx, .mp4, .m4v, .mkv, .asf, .wmv, .m2ts, .mpg, .mpeg, .flv, .3gp
 - .rmvb, .rm, .rv (Available only in Asia Pacific and China)
- Picture: .jpg, .jpeg, .jpe, .gif, .png

Audio formats

Your home theater supports the following audio files.

(. ra files are supported only in Asia Pacific and China)

Exten- sion	Con- tainer	Audio codec	Bit rate
.mp3	MP3	MP3	Upto 320 kbps
.wma	ASF	WMA	Upto 192 kbps
.aac	AAC	AAC, HE-	Upto 192 kbps
		AAC	
.wav	WAV	PCM	27.648 Mbps
.m4a	MKV	AAC	192 kbps
.mka	MKA	PCM	27.648 Mbps
		Dolby	640 kbps
		Digital	
		DTS core	1.54 Mbps
		MPEG	912 kbps
		MP3	Upto 320 kbps
		WMA	Upto 192 kbps
		AAC, HE-	Upto 192 kbps
		AAC	
.ra	RM	AAC, HE-	Upto 192 kbps
		AAC	
		Cook	96469 bps
.flac	FLAC	FLAC	Upto 24 bps

Exten- sion	Con- tainer	Audio codec	Bit rate
.ogg	OGG	Vorbis	Variable bit rate, maximum block size 4096
		MP3	Upto 320 kbps

Video formats

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

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

avi files in AVI container

Audio codec	Video codec	Bit rate
PCM, Dolby	DivX 3.11,	10 Mbps max
Digital, DTS	DivX 4.x,	
core, MP3,	DivX 5.x,	
WMA	DivX 6.x	
	MPEG 1,	40 Mbps
	MPEG 2	
	MPEG 4 SP /	38.4 Mbps
	ASP	
	H.264/AVC	25 Mbps
	upto HiP@4.2	
	WMV9	45 Mbps
		·

.divx files in AVI container

Audio codec	Video codec	Bit rate
PCM, Dolby	DivX 3.11,	10 Mbps max
Digital, MP3,	DivX 4.x,	
WMA	DivX 5.x,	
	DivX 6.x	

.mp4 or .m4v files in MP4 container

Audio codec	Video codec	Bit rate
Dolby Digital,	MPEG 1,	40 Mbps
MPEG, MP3,	MPEG 2	
AAC, HE-		
AAC, DD+		
	MPEG 4 ASP	38.4 Mbps

Audio codec	Video codec	Bit rate
	H.264/AVC HiP@4,2	25 Mbps

.mkv files in MKV container

Audio codec	Video codec	Bit rate
PCM, Dolby Digital, DTS core, MPEG, MP3, WMA, AAC, HE- AAC, DD+	DivX Plus HD	30 Mbps
	MPEG 1, MPEG 2	40 Mbps
	MPEG 4 ASP	38.4 Mbps
	H.264/AVC HiP@4.2	25 Mbps
	WMV9	45 Mbps

.m2ts files in MKV container

Audio codec	Video codec	Bit rate
PCM, Dolby Digital, DTS core, MPEG, MP3, WMA, AAC, HE- AAC, DD+	MPEG 1, MPEG 2	40 Mbps
	MPEG 4 ASP	38.4 Mbps
	H.264/AVC HiP@4.2	25 Mbps
	WMV9	45 Mbps

.asf and .wmv files in ASF container

Audio codec	Video codec	Bit rate
Dolby Digital, MP3,WMA,	MPEG 4 ASP	38.4 Mbps
DD+		
	H.264/AVC	25 Mbps
	HiP@4.2	
	WMV9	45 Mbps

.mpg and .mpeg files in PS container

Audio codec	Video codec	Bit rate
PCM, DTS	MPEG 1,	40 Mbps
core, MPEG,	MPEG 2	
MP3		

.flv files in FLV container

Audio codec	Video codec	Bit rate
MP3, AAC	H.264/	25 Mbps
	AVC upto	
	HiP@4.2	
	H.263	38.4 Mbps

.3gp files in 3GP container

Audio codec	Video codec	Bit rate
AAC, HE-	MPEG 4 ASP	38.4 Mbps
AAC		
	H.264/	25 Mbps max
	AVC upto	
	HiP@4.2	

.rm, .rv, and .rmvb files in RM container (Available only in Asia Pacific and China)

Audio codec	Video codec	Bit rate
AAC, COOK	RV30, RV40	40 Mbps

Amplifier

- Total output power: 500W 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
 - AUDIO IN: 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 180 Hz-12.5 kHz / ±3 dB

USB

- Compatibility: Hi-Speed USB (2.0)
- Class support: USB Mass Storage Class (MSC)
- File system: FAT16, FAT32, NTFS
- USB port: 5V ==, 500mA (for each port)

Main unit

- Power supply:
 - Europe/China: 220-240 V~. 50 Hz
 - Latin America/Asia Pacific: 110-127 V/220-240 V~. 50-60 Hz
 - Russia/India: 220-240 V~, 50 Hz
- Power consumption: 80 W
- Standby power consumption: ≤ 0.5 W
- Dimensions (WxHxD):
 435 x 58 x 280 mm
- Weight: 2.66 kg

Subwoofer

- Output power: 166 W RMS (30% THD)
- Impedance: 4 ohm
- Speaker drivers: 165 mm (6.5") woofer
- Dimensions (WxHxD): 178 x 300 x 343 mm
- Weight: 3.66 kg
- Cable length: 3.3 m

Speakers

- Output power: 2 x 166 W RMS (30% THD)
- Speaker impedance: 4 ohm
- Speaker drivers: 1 x 78 mm (3") full range
- Dimensions (WxHxD): 90 x 185 x 82 mm
- Weight (front): 0.53 kg/each
- Cable length: 3,25 m

Remote control batteries

2 x AAA-R03-1.5 V

Laser

- LaserType (Diode): InGaN/AlGaN (BD), AlGaInP (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)

8 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, get support at www.philips.com/support.

Main unit

The buttons on the home theater do not work.

- Disconnect the home theater from the power supply for a few minutes, then reconnect.
- Make sure that the touch buttons surface is not in contact with any conductive material, like water drop, metal, etc.

Picture

No picture.

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

No picture on a TV connected through HDMI.

- Make sure that you use a High Speed HDMI cable to connect the home theater and TV. Some Standard HDMI cables do not display properly for some images, 3D video, or Deep Color.
- 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 and video settings' on page 24).

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 theater speakers.

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

Distorted sound or echo.

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

Audio and video are not synchronized.

 1) Press H1. 2) Press the Navigation buttons (left/right) to select AUD SYNC, and then press OK. 3) Press the Navigation buttons (up/down) to synchronize the audio with the video.

Play

Cannot play a disc.

- Clean the disc.
- Make sure that the home theater supports the type of disc (see 'Media formats' on page 29).
- Make sure that the home theater supports the region code of the disc (see 'Region codes' on page 29).
- If the disc is a DVD±RW or DVD±R disc, make sure that it is finalized.

Cannot play a DivX file.

- Make sure that the DivX file is encoded according to the 'HomeTheater 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 16).
- Select the correct character set: 1) Press OPTIONS. 2) Select [Character set]. 3) Select the supported character set. 4) 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 theater.
- Make sure that the file system on the USB storage device is supported by the home theater.

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

• The operation is not possible.

EasyLink does not work.

 Make sure that the home theater is connected to a Philips brand EasyLink TV, and the EasyLink option is turned on (see 'Set up EasyLink (HDMI-CEC control)' on page 11). For TVs from different manufacturers, the HDMI CEC could be called differently.
 Check the TV user manual on how to enable it.

When you switch on the TV, the home theater automatically switches on.

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

Cannot access BD-Live features.

- Make sure that the home theater is connected to the network (see 'Connect and set up a home network' on page 12).
- Make sure that the network is set up (see 'Connect and set up a home network' on page 12).
- Make sure that the Blu-ray disc supports BD-Live features.
- Clear memory storage (see 'BD-Live on Blu-ray' on page 15).

My 3D video played in 2D mode.

- Make sure that your home theater is connected to a 3D TV through an HDMI cable
- Make sure that the disc is a Blu-ray 3D disc, and the Blu-ray 3D video option is on (see 'BD-Live on Blu-ray' on page 15).

TV screen is black when you play a Blu-ray 3D video or a DivX copy protected video.

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

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Open source software

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DivX Certified * to play DivX * and DivX Plus * HD (H.264/MKV) video up to 1080p HD including premium content.

HDMI"

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10 Language code

Afar 6565 Irish 7165 Russian Afrikaans 6570 Íslenska 7383 Quechua Amharic 6577 Italiano 7384 Raeto-Romance Arabic 6582 Ivrit 7269 Romanian Armenian 7289 Japanese 7465 Rundi Assamese 6583 Javanese 7486 Samoan Avestan 6569 Kalaallisut 7576 Sango Aymara 6589 Kannada 7578 Sanskrit Azerhaijani 6590 Kashmiri 7583 Sardinian	8083 8285 8185 8277 8279 8278
Afrikaans 6570 Íslenska 7383 Quechua Amharic 6577 Italiano 7384 Raeto-Romance Arabic 6582 Ivrit 7269 Romanian Armenian 7289 Japanese 7465 Rundi Assamese 6583 Javanese 7486 Samoan Avestan 6569 Kalaallisut 7576 Sango Aymara 6589 Kannada 7578 Sanskrit Azerhaijani 6590 Kashmiri 7583 Sardinian	8185 8277 8279
Amharic 6577 Italiano 7384 Raeto-Romance Arabic 6582 Ivrit 7269 Romanian Armenian 7289 Japanese 7465 Rundi Assamese 6583 Javanese 7486 Samoan Avestan 6569 Kalaallisut 7576 Sango Aymara 6589 Kannada 7578 Sanskrit Azerhaijani 6590 Kashmiri 7583 Sardinian	8277 8279
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Arabic 6582 Ivrit 7269 Romanian Armenian 7289 Japanese 7465 Rundi Assamese 6583 Javanese 7486 Samoan Avestan 6569 Kalaallisut 7576 Sango Aymara 6589 Kannada 7578 Sanskrit Azerhaijani 6590 Kashmiri 7583 Sardinian	8279
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Assamese 6583 Javanese 7486 Samoan Avestan 6569 Kalaallisut 7576 Sango Aymara 6589 Kannada 7578 Sanskrit Azerhaijani 6590 Kashmiri 7583 Sardinian	
Avestan 6569 Kalaallisut 7576 Sango Aymara 6589 Kannada 7578 Sanskrit Azerhaijani 6590 Kashmiri 7583 Sardinian	8377
Aymara 6589 Kannada 7578 Sanskrit Azerhaijani 6590 Kashmiri 7583 Sardinian	8371
Azerhaijani 6590 Kashmiri 7583 Sardinian	8365
	8367
Bahasa Melayu 7783 Kazakh 7575 Serbian	8382
Bashkir 6665 Kernewek 7587 Shona	8378
Belarusian 6669 Khmer 7577 Shqip	8381
Bengali 6678 Kinyarwanda 8287 Sindhi	8368
Bihari 6672 Kirghiz 7589 Sinhalese	8373
Bislama 6673 Komi 7586 Slovensky	8373
Bokmål, Norwegian 7866 Korean 7579 Slovenian	8376
Bosanski 6683 Kuanyama; Kwanyama 7574 Somali	8379
Brezhoneg 6682 Kurdish 7585 Sotho; Southern	8384
Bulgarian 6671 Lao 7679 South Ndebele	7882
Burmese 7789 Latina 7665 Sundanese	8385
Castellano, Español 6983 Latvian 7686 Suomi	7073
Catalán 6765 Letzeburgesch; 7666 Swahili	8387
Chamorro 6772 Limburgan; Limburger 7673 Swati	8383
Chechen 6769 Lingala 7678 Svenska	8386
Chewa; Chichewa; Nyanja 7889 Lithuanian 7684 Tagalog	8476
中文 9072 Luxembourgish; 7666 Tahitian	8489
	8471
	8465
Chuvash 6786 Magyar 7285 Tatar	8484
Corsican 6779 Malayalam 7776 Telugu	8469
Česky 6783 Maltese 7784 Thai	8472
Dansk 6865 Manx 7186 Tibetan	6679
Deutsch 6869 Maori 7773 Tigrinya	8473
Dzongkha 6890 Marathi 7782 Tonga (Tonga Islands)	8479
English 6978 Marshallese 7772 Tsonga	8483
Esperanto 6979 Moldavian 7779 Tswana	8478
Estonian 6984 Mongolian 7778 Türkçe	8482
Euskara 6985 Nauru 7865 Turkmen	8475
Ελληνικά 6976 Navaho; Navajo 7886 Twi	8487
Faroese 7079 Ndebele, North 7868 Uighur	8571
Français 7082 Ndebele, South 7882 Ukrainian	8575
Frysk 7089 Ndonga 7871 Urdu	8582
Fijian 7074 Nederlands 7876 Uzbek	8590
Gaelic; Scottish Gaelic 7168 Nepali 7869 Vietnamese	8673
Gallegan 7176 Norsk 7879 Volapuk	8679
Georgian 7565 Northern Sami 8369 Walloon	8765
Gikuyu; Kikuyu 7573 North Ndebele 7868 Welsh	6789
Guarani 7178 Norwegian Nynorsk; 7878 Wolof	8779
Guiarati 7185 Occitan: Provencal 7967 Xhosa	8872
Hausa 7265 Old Bulgarian; Old Slavonic 6785 Yiddish	8973
Herero 7290 Oriya 7982 Yoruba	8979
Hindi 7273 Oromo 7977 Zulu	9085
Hiri Motu 7279 Ossetian; Ossetic 7983	
Hrwatski 6779 Pali 8073	
Ido 7379 Panjabi 8065	
Interlingua (International)7365 Persian 7065	
Interlingue 7365 Polski 8076	
Inuktitut 7385 Português 8084	

11 Index

		control buttons (USB)	14
2		,	
2nd audio language	15	D	
2nd subtitle language	15		17
		data files	16 24
3		deep color default settings	26
	4.5	device name	13
3D disc in 2D mode	15 3	disc language	24
3D safety 3D video	15	disc menu	24
	13	display panel	25
		disposal	3
5		DivX	16
5.1 speakers	8		
<u> </u>		E	
A		Easylink (HDMI-CEC)	11
advanced settings	26	eject disc	5
amplifier	31	enhanced audio	26
audio connection (analog cable)	11	environment	3
audio connection (HDMI ARC)	9		
audio formats	29	F	
audio from other devices	10		
audio language	24	factory settings	26
audio options	17	file formats	29
audio post processing	26		
audio settings	25	Н	
auto standby	25	HDMI ARC	9
auto subtitle shift	25	HDMI audio	25
auto volume	23	HDMI-CEC	11
		home menu	14
В		home network	12
batteries	32	nome noon on	
BD-Live	15		
Blu-ray	14	ı	
Bonus View	15	internet	12
brightness	25		
5.18.16.1635	23	L	
C		language code	37
change password	25		
character set	16	M	
clear BD-Live memory	15	main unit	5
connect to TV	8	media formats	29
· ·	-		2/

connectors

control buttons (disc)

control buttons (radio)

media sharing	20	surround sound	23
menu language	24	synchronize picture and sound	15
musical slideshows	18		
		Т	
N		troubleshooting (picture)	33
network	12	troubleshooting (play)	34
night mode	25	troubleshooting (sound)	33
inglie mode	23	tuning grid	19
0			
one-touch play	11	U	
one-touch standby	11	update software (through Internet)	28
options	17	USB storage device	17
P		V	
parental control	25	VCD	25
PBC (play back control)	25	video connection (composite video)	10
picture options	18	video connection (HDMI ARC)	9
picture resolution	24	video connection (standard HDMI)	9
picture settings	24	video formats	31
picture-in-picture	15	video options	17
play disc	14	video options video settings	24
play from PC	22	VOD code (DivX)	16
play USB storage device	17	VOD code (DIVX)	10
	25		
power settings	23	W	
predefined sound mode	24	watch 3D	15
preference	24	wired network	12
R			
recycling	3		
region codes	29		
remote control	5		
repeat	17		
S			
shuffle	17		
sleep timer	25		
slide animation	18		
software update	27		
software version	27		
sound	22		
speaker position	8		
speaker specifications	29		
subtitle language	24		
subtitle position	25		
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