Always there to help you

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



HTB3510 HTB3540 HTB3570

User manual



Contents

1	Important Safety 3D health warning Care for your product Care of the environment	2 2 3 3 3
2	Your home theater Main unit Remote control Connectors	4 4 4 5
3	Connect and set up Connect speakers Connect to TV Connect audio from TV and other devices Set up speakers Set up EasyLink (HDMI-CEC control) Connect and set up a home network	7 7 8 9 10 10 11
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 Smart TV Browse PC through DLNA Karaoke Choose sound	13 13 15 16 16 17 18 19 21 22 23
5	Change settings Language settings Picture and video settings Audio settings Parental control settings Display settings Energy saving settings	25 25 25 25 26 26 26

	Speaker settings Restore default settings	26 27
6	Update software Check software version Update software through USB Update software through the Internet	28 28 28 29
_	a 1 1 a 1	
7	Product specifications	30
7	Product specifications Troubleshooting	30 34

10 Language code	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.

L.	
L.	
L.	
L.	_

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

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.

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. Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products and batteries. The correct disposal of these products helps prevent potentially negative consequences on the environment and human health.

Your product contains batteries, which cannot be disposed of with normal household waste. Please inform yourself about the local rules on separate collection of batteries. The correct disposal of batteries helps prevent potentially negative consequences on the environment and human health.

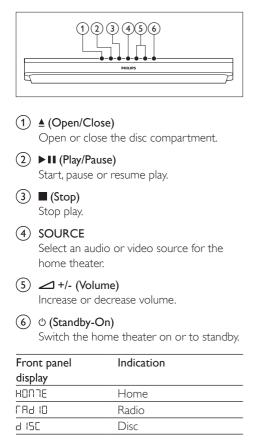
Please visit www.recycle.philips.com for additional information on a recycling center in your area.

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

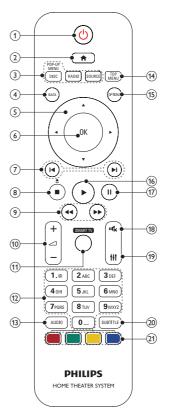
This section includes an overview of the main unit.



AUH	Aux In	
OPE IN	Optical In	
- IN	Audio In	
CORH	Coaxial In	
ΟΡΕΠ	Open	
CLOSE	Close	
LORd	Load	
госия	Browse	
PRUSE	Pause	
	Mute	

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.

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) / ▲ (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 🖌 +/- (Volume)

Increase or decrease volume.

1 SMART TV

Access online SmartTV service.

(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)

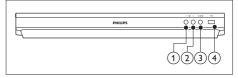
Start or resume play.

- (17) II (Pause) Pause play.
- (18) ♥ (Mute) Mute or restore volume.
- HI 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 MIC 1

Audio input from a microphone.

2 MIC 2

Audio input from a microphone.

3 AUDIO IN

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

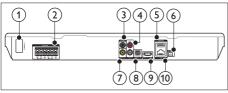
(4) •<⇒ (USB)

- Audio, video or picture input from a USB storage device.
- Connect to a Wi-Fi dongle (Model: Philips WUB1110, sold separately).
- Connect a USB mass storage to access BD-Live.

- Note

 When you connect an MP3 player to the home theater with a 3.5mm audio cable, make sure that you connect the MP3 player to the AUDIO IN connector, not to the MIC 1 or MIC 2 connector, to ensure normal function of the home theater.

Rear connectors



1 AC MAINS

Connect the supplied AC power cable.

2 SPEAKERS

Connect to the supplied speakers and subwoofer.

3 DIGITAL IN-COAXIAL

Connect to a coaxial audio output on the $\ensuremath{\mathsf{TV}}$ 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.

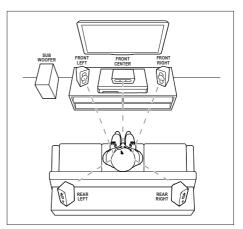


- For identification and supply ratings, see the type plate at the back or bottom of the product.
- Before you make or change any connections, make sure that all devices are disconnected from the power outlet.

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).



* The actual speaker shapes may vary from the illustration above.



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 for speakers placement.

- 1 Seating position: This is the center of your listening area.
- 2 FRONT CENTER (front center) speaker: Place the center speaker directly in front of the seating position, either above or below yourTV.
- 3 FRONT LEFT (front left) and FRONT **RIGHT** (front right) speakers: Place the left and right speakers in the front, and at equal distance from the center speaker. Make sure that the left, right, and the center speakers are at equal distance from your seating position.
- 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.

5 SUBWOOFER (subwoofer): Place the subwoofer at least one meter to the left or right of the TV. Leave about 10-centimeter clearance from the wall.

Connect to TV

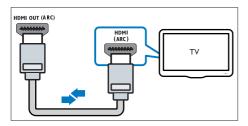
Connect your home theater to a TV to watch videos. You can listen to the TV audio through your home theater speakers.

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 yourTV 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.
- 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,

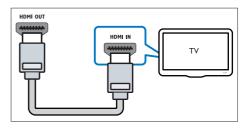
such as volume control for both the TV and the home theater. (see 'Set up EasyLink (HDMI-CEC control)' on page 10)

3 If you cannot hear the TV audio through your home theater, set up the audio manually. (see 'Set up the audio' on page 11)

Option 2: Connect to TV through standard HDMI

Best quality video

If your TV 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 9).
- 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 10)

4 If you cannot hear the TV audio through your home theater, set up the audio manually. (see 'Set up the audio' on page (11)

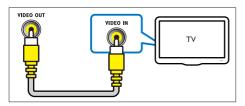
Note

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



- 1 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 9).
- 3 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.

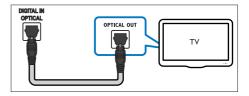


Note

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 8).

Option 1: Connect audio through a digital optical cable

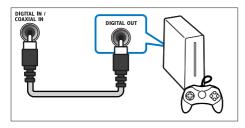
Best quality audio



- 1 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 SPDIE or SPDIE OUT

Option 2: Connect audio through a digital coaxial cable

Good quality audio

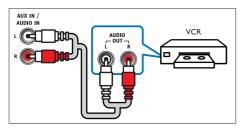


- 1 Using a coaxial cable, connect the COAXIAL connector on your home theater to the COAXIAL/DIGITAL OUT connector on the TV or other device.
 - The digital coaxial connector might be labeled **DIGITAL AUDIO OUT**.

Option 3: Connect audio through analog audio cables

Basic quality audio

 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 speakers

Set up the speakers manually to experience customized surround sound. 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.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Audio] > [Speaker Setup].
- 4 Enter the distance for each speaker, and then listen to the test tones and change the volume. Experiment with the speaker positions to find the ideal setting.

Set up EasyLink (HDMI-CEC control)

This home theater supports Philips EasyLink, which uses the HDMI-CEC (Consumer Electronics Control) protocol. EasyLinkcompliant 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 your TV, set the audio output to 'Amplifier' (instead of TV 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 11)

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 10) 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].
- 5 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 21)
- Smartphone control (see 'Smartphone control' on page 18)
- Smart TV (see 'Browse Smart TV' on page 19)
- BD Live applications (see 'BD-Live on Bluray' on page 14)
- Software update (see 'Update software through the Internet' on page 29)

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.

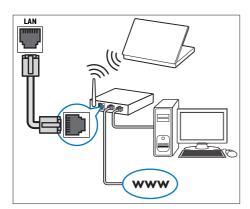
Before you start

- For Smart TV and software updates, make sure that the network router has access to the Internet with high-speed connection and is not restricted by firewalls or other security systems.
- 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)].

- 5 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].

Set up the wireless network

What you need

- A network router (with DHCP enabled). For best wireless performance, coverage, and compatibility, use 802.11n router;
- Connect a Wi-Fi dongle (Model: Philips WUB1110, sold separately) to the ↔ connector on your home theater.
- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Network] > [Network installation] > [Wireless (Wi-Fi)], and then press OK.
- 4 Follow the onscreen instructions to select and set up the wireless network.
 - If connection fails, select **[Retry]**, and then press **OK**.
- 5 Select [Finish], and then press OK to exit.
 - To view the network settings, select [Setup] > [Network] > [View wireless 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.

4 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.

- 1 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]: Access Smart TV.
 - [browse PC]: Access the computer content browser.
 - [Setup]: Access menus to change video, audio and other settings.
- **3** 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.

- 1 Insert a disc into the home theater.
- 2 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 13).
 - 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.
11	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.
~ / >	Search fast backwards or forward.
	When a video is paused, search
	slow backwards or forward.
REPEAT	Select or turn off repeat mode.
SUBTITLE	Select subtitle language for video.
DISC/	Access or exit the disc menu.
POP-UP	
MENU	
OPTIONS	Access the advanced options
	when you play your audio, video,
	or media files (see 'Audio, video,
	and picture options' on page 16).

Synchronize picture and sound

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

- 1 Press tit.
- 2 Press the Navigation buttons (left/right) to select [Audio 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 3D TV
- 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.
- 2 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.
 - \hookrightarrow 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
- Connect your home theater to a home network with Internet access (see 'Connect and set up a home network' on page 11).
- 2 Connect a USB storage device to the ⊷↔ (USB) connector at the front of your home theater for BD-Live download.
- 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.

Note

- ➡ BD-Live starts to load. The loading time depends on the disc and your internet connection.
- 5 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 30).

- 1 Play the files from a disc or USB storage device.
- 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 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	Albanian, Croat, Czech, Dutch,
Europe]	English, German, Hungarian, Irish, Polish, Romanian, Slovak, Slovene and Serbian
[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).

- 2 Select [Setup], and then press OK.
- 3 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 30).

- 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).
- 3 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 13).

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.
 - \mapsto The video options menu is displayed.
- 2 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.
 - [Karaoke]: Change the karaoke settings.
 - [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.
 - ightarrow The picture options menu appears.
- 2 Press the Navigation buttons and OK to select and change the following settings:
 - [Info]: Display picture information.
 - [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.
 - [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 30).

Radio

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



- 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.
- 2 Press RADIO on the remote control to switch to radio source.
 - ➡ 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) to install radio stations.
 - Use the remote control to listen or to change radio stations.

3

Play buttons

Button	Action
I ⊲ / ►I	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:
	1) Press OPTIONS. 2) Press
	I < / ►I to select your preset.
	3) 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.

- 1 Press **RADIO** on the remote control to switch to radio source.
- 2 Press .
- 3 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.
- 2 Press SOURCE repeatedly until AUDIO-IN appears on the display panel.
- **3** 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 12).
- 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	

- 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 DLNAcompatible 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.
- 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 Smart TV

Use Smart TV to access variety of internet applications and specially adapted internet websites.

For interactive discussions on Smart TV services, visit the Smart TV forum at www.supportforum. philips.com

, Note

- Koninklijke Philips Electronics N.V. bears no responsibility for content provided by Smart TV service providers.
- 1 Connect your home theater to a home network with high-speed Internet access (see 'Connect and set up a home network' on page 11).
- 2 Press ♠ (Home).

- 3 Select [Smart TV], and then press OK.
- Follow the onscreen instructions to confirm the onscreen message.
 → The Smart TV home page is displayed.
- 5 Use the remote control to select applications and enter text (for example, web URL, passwords, etc) (see 'Navigate Smart TV' on page 20).

Navigate Smart TV

Button	Action	
Navigation	Select an application or	
buttons	navigate.	
OK Confirm an entry or selec		
BACK	Return to the previous page. Delete a character in any text	
	entry box.	
Alphanumeric	Enter characters in the text	
buttons	entry box.	
♠ (Home)	Exit Smart TV portal and	
	return to home menu.	

Clear browsing history

Clear the browsing history to remove passwords, cookies, and browsing data from your home theater.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Network] > [Clear Smart TV memory].
- 4 Press OK to confirm.

Rent online video

The function is only available in Smart TV service that has the VOD feature.

Rent videos from online stores, through your home theater. You can watch them right away or later.

Many online video stores offer a huge choice of video, with different rental prices, periods, and

conditions. For some stores, you must create an account before you can rent.

What you need

- a USB storage device, with at least 8 GB of memory
- Connect your home theater to a home network with high-speed Internet access (see 'Connect and set up a home network' on page 11).
- 2 Insert a blank USB storage device into the USB(VOD) connector at the back of your home theater, and follow the onscreen instructions to format the USB device.
 - After formatting, leave the USB storage device in the USB(VOD) connector.
 - After formatting, the USB storage device will no longer be compatible with computers or cameras, unless formatted again using Linux operating system.

3 Press ♠ (Home).

4

6

Select [Smart TV], and then press OK.

- → The online services available in your country are displayed.
- 5 Select a video store, and then press OK.
 - Follow the onscreen instructions to rent or watch a video. If prompted, enter the necessary information to register or log in to the store's account.
 - The video is downloaded to your USB storage device. You can watch it only on your home theater.
- 7 Press the playback buttons to control play (see 'Play buttons' on page 13).
 - If you cannot play a video, check the file format to make sure that it is supported by your home theater (see 'File formats' on page 30).

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 X Twonky Media (v4.4.2)' on page 22)

Note

 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.
- 3 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.
- 2 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.
- 5 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.
- 7 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.
- 5 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 13).

Karaoke

Play a Karaoke disc on your home theater and sing along with the music.

What you need

- A Karaoke microphone.
- Karaoke discs.

, Note

 To prevent loud feedback or unexpected noise, turn the microphone volume to the minimum before you connect the microphone to your home theater;

Play karaoke music

 While playing a karaoke disc, press ≡ OPTIONS.

 \mapsto The options menu is displayed.

- 2 Press the Navigation buttons to select [Karaoke], and then press OK.
 The largely actus many is displayed.
 - → The karaoke setup menu is displayed.
- 3 Press the Navigation buttons (up/down) and OK to change the following settings:
 - [Microphone]: Turn the microphone on or off.
 - [Microphone volume]: Change the microphone volume.
 - [Echo]: Change the echo level.
 - [Key]: Change the pitch to match your voice.
 - **[Vocal support]**: Select an audio mode, or turn the vocal on or off.

Choose sound

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

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

Description
Select surround sound or stereo
sound.
Select a sound mode.
Delay the audio to match the
video.
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.
 - [Multi-channel]:Traditional 5.1 channel for a more relaxing cinematic experience.
 - [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 tit.
- 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 tit.
- 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 volume], and then press OK.
- 3 Press the Navigation buttons (up/down) to select [On] or [Off].
- 4 Press OK to confirm.

5 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 🕁 BACK. To
- exit the menu, press 🎓 (Home).

Language 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:
 - [Menu language]: Select a display language for menu.
 - [Audio]: Select an audio language for discs.
 - [Subtitle]: Select a subtitle language for discs.
 - [Disc menu]: Select a menu language for discs.

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 (see 'Language code' on page 38).
- 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

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Video], and then press OK.
- 4 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.
- Select [Audio], and then press OK.
- 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.
- [Speaker Setup]: Set up speakers for best surround sound experience.
- [Default sound settings]: Restore the equalizer settings of all the sound modes to the default values

Parental control settings

- 1 Press **†** (Home).
- 2 3 Select [Setup], and then press OK.
- Select [Preference], and then press OK.
- 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

- Press **†** (Home).
- 2 3 Select [Setup], and then press OK.
- Select [Preference], and then press OK.
- 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.
- 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].

🔆 Тір

• 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 defa
- 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 DivX VOD 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.
- 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.
 - → 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.
- 2 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.

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 11).
- 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		0
China		0

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)

Extension	Container	Audio codec	Bit rate
.mp3	MP3	MP3	Upto 320 kbps
.wma	ASF	WMA	Upto 192 kbps
.aac	AAC	AAC, HE- AAC	Upto 192 kbps
.wav	WAV	PCM	27.648 Mbps
.m4a	MKV	AAC	192 kbps
.mka	МКА	PCM	27.648 Mbps
		Dolby Digital	640 kbps
		DTS	1.54 Mbps
		core	
		MPEG	912 kbps
		MP3	Upto 320 kbps
		WMA	Upto 192 kbps

AAC,	Upto 192
1.15	
HE-	kbps
AAC	
AAC,	Upto 192
HE-	kbps
AAC	
Cook	96469 bps
FLAC	Upto 24
	bps
Vorbis	Variable
	bit rate,
	maximum
	block size
	4096
MP3	Upto 320
	kbps
MP3	
	AAC, HE- AAC Cook FLAC Vorbis

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

.mp4 or .m4v files in MP4 container

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

.mkv files in MKV container

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

.m2ts files in MKV container

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

Video formats

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

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

.avi files in AVI container

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

.divx files in AVI container

.asf and .wmv files in ASF container

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

.mpg and .mpeg files in PS container

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

.flv files in FLV container

ate
1bps
Mbps

.3gp files in 3GP container

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

.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: 1000W RMS (30% THD)
- Frequency response: 20 Hz-20 kHz / ±3 dB
- Signal-to-noise ratio: > 65 dB (CCIR) / (A-weighted)

- Input sensitivity:
 - AUX:2V
 - 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: 160 W
- Standby power consumption: $\leq 0.5 \text{ W}$
- 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: 203 mm (8") woofer
- Dimensions (WxHxD): 178 x 300 x 343 mm
- Weight: 4.1 kg
- Cable length: 3.3 m

Speakers

Center speaker:

- Output power: 166 W RMS (30% THD)
- Speaker impedance: 4 ohm
- Speaker drivers: 1 x 78 mm (3") full range
- Dimensions (WxHxD): 223 x 100 x 80 mm
- Weight: 0.65 kg
- Cable length: 2.25 m

Front/Rear speaker:

- Output power: 4 x 166 W RMS (30% THD)
- Speaker impedance: 4 ohm
- Speaker drivers: 1 x 78 mm (3") full range
- Dimensions (WxHxD):
 - HTB3510: 90 × 185 × 82 mm (front/ rear)
 - HTB3540: 90 × 185 × 82 mm (front); 247 × 1090 × 242 mm (rear)
 - HTB3570: 247 × 1090 × 242 mm (front/rear)
- Weight (front):
 - HTB3510: 0.53 kg/each
 - HTB3540: 0.53 kg/each
 - HTB3570: 2.66 kg/each
- Weight (rear):
 - HTB3510: 0.56 kg/each
 - HTB3540/HTB3570: 2.72 kg/each
- Cable length (front): 3.25 m

Cable length (rear): 10.25 m

Remote control batteries

• 2 × 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

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.

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 25).

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 your TV 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 11).
- Reset your home theater to its factory settings (see 'Restore default settings' on page 27), 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 #1. 2) Press the Navigation buttons (left/right) to select [Audio 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 30).
- Make sure that the home theater supports the region code of the disc (see 'Region codes' on page 30).

• 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 'Home Theater Profile' with the DivX encoder.
- Make sure that the DivX file is complete.

DivX do not display correctly.

- Make sure that the subtitle file name is the same as the movie file name (see 'Subtitles' on page 15).
- 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 10).
- For TVs from different manufacturers, the HDMI CEC could be called differently. Check theTV 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 11).

- Make sure that the network is set up (see 'Connect and set up a home network' on page 11).
- Make sure that the Blu-ray disc supports BD-Live features.
- Clear memory storage (see 'BD-Live on Blu-ray' on page 14).

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 14).

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.

Cannot download video from an online video store.

- Make sure that your home theater is connected to the TV through an HDMI cable.
- Make sure that the USB storage device is formatted, has enough memory to download the video.
- Make sure that you have paid for the video, and it is within the rental period.
- Make sure that the network connection is good (see 'Connect and set up a home network' on page 11).
- Visit the video store website for more information.

9 Notice

This section contains the legal and trademark notices.

Copyright

Be responsible Respect copyrights

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.

This product incorporates proprietary technology under license from Verance Corporation and is protected by U.S. Patent 7,369,677 and other U.S. and worldwide patents issued and pending as well as copyright and trade secret protection for certain aspects of such technology. Cinavia is a trademark of Verance Corporation. Copyright 2004-2010 Verance Corporation. All rights reserved by Verance. Reverse engineering or disassembly is prohibited.

Cinavia notice

This product uses Cinavia technology to limit the use of unauthorized copies of some commercially-produced film and videos and their soundtracks. When a prohibited use of an unauthorized copy is detected, a message will be displayed and playback or copying will be interrupted.

More information about Cinavia technology is provided at the Cinavia Online Consumer Information Center at http://www.cinavia.com. To request additional information about Cinavia by mail, send a postcard with your mailing address to: Cinavia Consumer Information Center, P.O. Box 86851, San Diego, CA, 92138, USA.

Open source software

Open source software

Philips Electronics Hong Kong 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 licenses.

This offer is valid up to three years after product purchase to anyone in receipt of this information. To obtain source code, please contact open.source@philips.com. If you prefer not to use email or if you do not receive confirmation receipt within a week after mailing to 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 email to the email address above.

Trademarks



"Blu-ray 3D ™ " and "Blu-ray 3D ™ " logo are trademarks of Blu-ray Disc Association.



'DVD Video' is a trademark of DVD Format/ Logo Licensing Corporation.



Java and all other Java trademarks and logos are trademarks or registered trademarks of Sun

Microsystems, Inc. in the United States and/or other countries.



Manufactured under license under U.S. Patent Nos: 5,956,674; 5,974,380; 6,226,616; 6,487,535; 7,392,195; 7,272,567; 7,333,929; 7,212,872 & other U.S. and worldwide patents issued & pending. DTS-HD, the Symbol, & DTS-HD and the Symbol together are registered trademarks & DTS-HD Master Audio | Essential is a trademark of DTS, Inc. Product includes software. © DTS, Inc. All Rights Reserved.



Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.



DivX °, DivX Certified °, DivX Plus ° HD and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license.

ABOUT DIVX VIDEO: DivX ° is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. 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 videos. 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.

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



The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.



10 Language code

Abkhazian	6566
Afar	6565
Afrikaans	6570
Amharic	6577
Arabic	6582
Armenian	7289
	6583
Assamese	
Avestan	6569
Aymara	6589
Azerhaijani	6590
Bahasa Melayu	7783
Bashkir	6665
Belarusian	6669
Bengali	6678
Bihari	6672
Bislama	6673
Bokmål, Norwegian	7866
Bosanski	6683
Brezhoneg	6682
Bulgarian	6671
Burmese	7789
Castellano, Español	6983
Catalán	6765
Chamorro	6772
Chechen	6769
Chewa; Chichewa; Nyanj	a 7889
中文	9072
Chuang; Zhuang	9065
Church Slavic; Slavonic	6785
Chuvash	6786
Corsican	6779
Česky	6783
Dansk	6865
Deutsch	6869
Dzongkha	6890
English	6978
Esperanto	6979
Estonian	6984
Euskara	6985
Ελληνικά	6976
Faroese	7079
Français	7082
Frysk	7089
Fijian	7074
Gaelic; Scottish Gaelic	7168
Gallegan	7176
Georgian	7565
Gikuyu; Kikuyu	7573
Guarani	7178
Gujarati	7185
Hausa	7265
Herero	7290
Hindi	7273
Hiri Motu	7279
Hrwatski	6779
Ido	7379
Interlingua (Internationa	7365
Interlingue Inuktitut	7365
mukutut	/ 385

Inupiaq	7375
Irish	7165
Islenska	7383
Italiano	7384
lvrit	7269 7465
Japanese Javanese	7465
Kalaallisut	7576
Kannada	7578
Kashmiri	7583
Kazakh	7575
Kernewek	7587
Khmer	7577
Kinyarwanda	8287
Kirghiz	7589
Komi	7586
Korean	7579
Kuanyama; Kwanyama	7574 7585
Kurdish Lao	7585
Latina	7665
Latvian	7686
Letzeburgesch;	7666
Limburgan; Limburger	7673
Lingala	7678
Lithuanian	7684
Luxembourgish;	7666
Macedonian	7775
Malagasy	7771
Magyar	7285
Malayalam	7776
Maltese	7784
Manx Maori	7186 7773
Marathi	7782
Marshallese	7772
Moldavian	7779
Mongolian	7778
Nauru	7865
Navaho; Navajo	7886
Ndebele, North	7868
Ndebele, South	7882
Ndonga	7871
Nederlands	7876
Nepali	7869
Norsk	7879
Northern Sami	8369 7868
North Ndebele	7878
Norwegian Nynorsk; Occitan; Provencal	7967
Old Bulgarian; Old Slavonic	6785
Oriya	7982
Oromo	7977
Ossetian; Ossetic	7983
Pali	8073
Panjabi	8065
Persian	7065
Polski	8076
Português	8084

Pushto	8083
Russian	8285
Quechua	8185
Raeto-Romance	8277
Romanian	8279
Rundi	8278
Samoan	8377
Sango	8371
Sanskrit	8365
Sardinian	8367
Serbian	8382
Shona	8378
Shqip	8381
Sindhi	8368
Sinhalese	8373
Slovensky	8373
Slovenian	8376
Somali	8379
Sotho; Southern	8384
South Ndebele	7882
Sundanese Suomi	8385
Swahili	7073 8387
	8383
Swati Svenska	8386
Tagalog	8476
Tahitian	8489
Tajik	8471
Tamil	8465
Tatar	8484
Telugu	8469
Thai	8472
Tibetan	6679
Tigrinya	8473
Tonga (Tonga Islands)	8479
Tsonga	8483
Tswana	8478
Türkçe	8482
Turkmen	8475
Twi	8487
Uighur	8571
Ukrainian	8575
Urdu	8582
Uzbek	8590
Vietnamese	8673
Volapuk	8679
Walloon	8765
Welsh	6789
Wolof Xhosa	8779 8872
Xnosa Yiddish	8872 8973
Yoruba	8979
Zulu	9085
Luiu	2005

11 Index

2

2nd audio language	14
2nd subtitle language	14

3

4
3
4

5

5.1 speakers

Α

advanced settings	26
amplifier	32
audio connection (analog cable)	10
audio connection (HDMI ARC)	8
audio formats	30
audio from other devices	9
audio language	25
audio options	16
audio post processing	26
audio settings	25
auto standby	26
auto subtitle shift	26
auto volume	24

В

batteries	33
BD-Live	14
Blu-ray	13
Bonus View	14
brightness	26

С

change password	26
character set	15
clear BD-Live memory	14

connect to TV	8
connectors	5
control buttons (disc)	13
control buttons (USB)	13

D

data files	15
deep color	25
default settings	27
device name	12
disc language	25
disc menu	25
display panel	26
DivX	15

Ε

7

Easylink (HDMI-CEC)	10
eject disc	4
enhanced audio	26

F

-	
factory settings	27
file formats	30

н

HDMIARC	8
HDMI audio	25
HDMI-CEC	10
home menu	13
home network	11

internet 11

L

8

Μ

main unit	4
manual setup	10

media formats	30
media sharing	21
menu language	25
musical slideshows	17

Ν

network	11
night mode	25

0

•	
one-touch play	11
one-touch standby	11
options	16

Ρ

parental control	26
PBC (play back control)	26
picture options	17
picture resolution	25
picture settings	25
picture-in-picture	14
play disc	13
play from PC	22
play USB storage device	16
power settings	26
predefined sound mode	23
preference	25

R

region codes	30
remote control	4
repeat	16

S

•	
shuffle	16
sleep timer	26
slide animation	17
SmartTV	19
software update	28
software version	28
sound	23
speaker position	7

speaker setup	10
speaker specifications	30
subtitle language	25
subtitle position	26
surround sound	23
synchronize picture and sound	14

Т

troubleshooting (picture)	34
troubleshooting (play)	34
troubleshooting (sound)	34
tuning grid	18

U

update software (through Internet)	29
USB storage device	16

V

VCD	26
video connection (composite video)	9
video connection (HDMI ARC)	8
video connection (standard HDMI)	8
video formats	32
video options	16
video settings	25
VOD code (DivX)	15

W

watch 3D	14
wired network	12
wireless network	12



Specifications are subject to change without notice © 2013 Koninklijke Philips Electronics N.V. All rights reserved.



