Always there to help you

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

HTB2510

Question?
Contact
Philips

User manual

PHILIPS

Contents

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!

- Before you make or change any connections, make sure that all devices are disconnected from the power outlet.
- 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 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!

- For identification and supply ratings, see the type plate at the back or bottom of the product.
- 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 this product!

- 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 alkaline, 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

Disposal of your old product

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.
Do not throw away the product with the normal household waste at the end of its life, but hand it in at an official collection point or recycling. By doing this, you help to preserve the environment.

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.
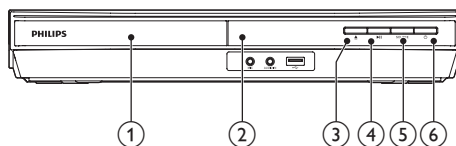
(a) **Disc compartment**

(b) **Display panel**

(c) ▲ **(Open/Close)**
   Open or close the disc compartment.

(d) ▶ II **(Play/Pause)**
   Start, pause or resume play.

(e) **SOURCE**
   Select an audio or video source for the home theater.

(f) ⏻ **(Standby-On)**
   Switch the home theater on or to standby.

Front panel display	Indication
⌐⌐⌐⌐	Home
rAdI O	Radio
dISC	Disc
AUd	Audio In
OPt	Optical In
AU	Aux In

Front panel display	Indication
COR	Coaxial In
ArC	HDMI ARC
SETUP	Setup
USb	USB
L ISE	List of files on disc/USB
L O	Mute

Remote control

This section includes an overview of the remote control.
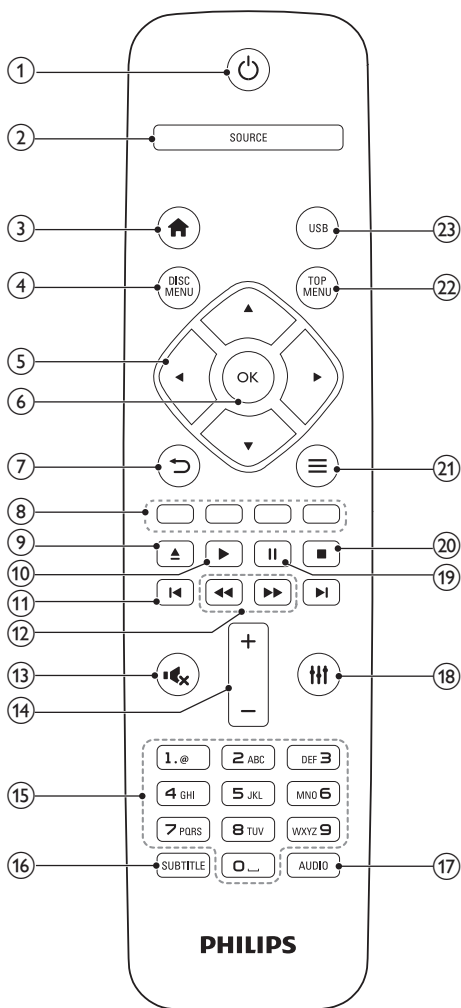
① ⏻ (Standby-On)
- Switch the home theater on or to standby.
- When EasyLink is enabled, press and hold for at least three seconds to switch all connected HDMI CEC compliant devices to standby.

b SOURCE
Select a source: Radio/HDMI ARC/AUX/
OPTICAL/COAXIAL/AUDIO IN for the
home theater.

c ♠ (Home)
Access the home menu.

d DISC MENU
- Switch to disc source.
- Access or exit the disc menu or pop-up menu when you play a disc.

e 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.

f OK
- Confirm an entry or selection.
- In radio mode, set a radio station.

g ⤺
- Return to a previous menu screen.
- In radio mode, press and hold to erase the current preset radio stations.

h Color buttons
Select tasks or options for Blu-ray discs.

i ▲ (Open/Close)
Open or close the disc compartment.

j ▶ (Play)
Start or resume play.

k I◀ / ▶I (Previous/Next)
- Skip to the previous or next track, chapter or file.
- In radio mode, select a preset radio station.

l ◀◀ / ▶▶ (Fast Backward / Fast Forward)
Search backwards or forward. Press repeatedly to change the search speed.

m ◀✕ (Mute)
Mute or restore volume.

n Volume +/-
Increase or decrease volume.

o Alphanumeric buttons
Enter values or letters (using SMS style entry).

p SUBTITLE
Select subtitle language for video.

q AUDIO
Select an audio language or channel.

r ⌗⌗
Access or exit sound options.

s II (Pause)
Pause play.

t ■
Stop play.

u ≡
Access more play options while playing a disc or a USB storage device.

v TOP MENU
Access the main menu of a disc.

w USB
Switch to USB mode.

Connectors

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

Front connectors
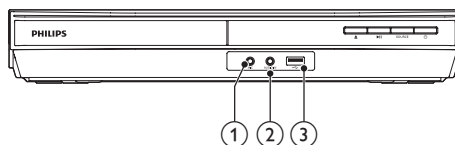
a MIC
Audio input from a microphone.

b AUDIO IN
Audio input from an external audio device (3.5mm jack).

c (USB)

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

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** connector, to ensure normal function of the home theater.

Rear connectors
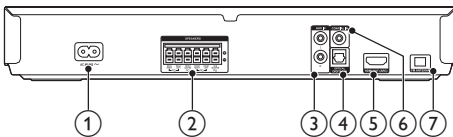
a AC MAINS~

Connect to power supply.

b SPEAKERS

Connect to the supplied speakers and subwoofer.

c AUX IN (L/R)

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

d OPTICAL-DIGITAL IN

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

e HDMI OUT (ARC)

Connect to the HDMI input on the TV.

f COAXIAL IN

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

g FM ANTENNA

Connect to the supplied FM antenna.

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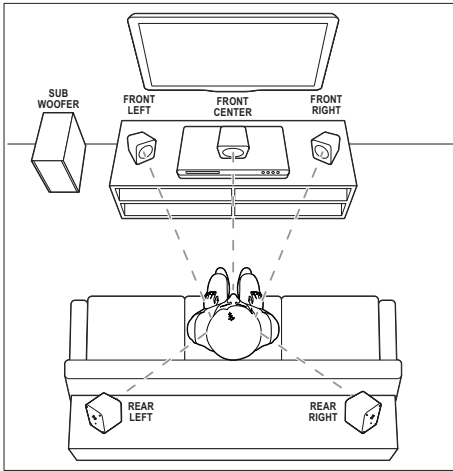
*The actual speaker shapes may vary from the illustration above.

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 your TV.

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 your TV is HDMI ARC compliant, you can hear the TV audio through your home theater by using a single HDMI cable.
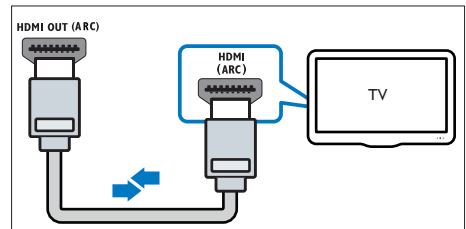
1 Using a High Speed HDMI cable, connect the **HDMI OUT (ARC)** connector on your home theater to the **HDMI ARC** connector on the TV.
   - The **HDMI ARC** connector on the TV might be labeled differently. For details, see the TV user manual.

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 9)

3 If you cannot hear the TV audio through your home theater, set up the audio manually. (see 'Set up the audio' on page 10)

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.
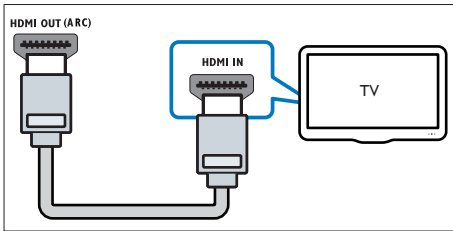
1 Using a High Speed HDMI cable, connect the **HDMI OUT (ARC)** connector on your home theater to the **HDMI IN** connector on the TV.

2 Connect an audio cable to hear the TV audio through your home theater (see 'Connect audio from TV and other devices' on page 8).

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 9)

4 If you cannot hear the TV audio through your home theater, set up the audio manually. (see 'Set up the audio' on page 10)

> **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.

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 7).

Option 1: Connect audio through a digital optical cable

Best quality audio
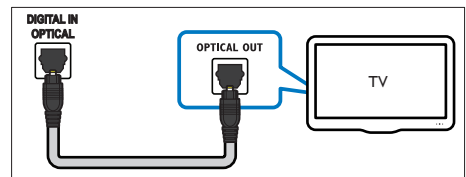
1 Using an optical cable, connect the **DIGITAL IN**-**OPTICAL** connector on your home theater to the **OPTICAL OUT** connector on the TV or other device.

- The digital optical connector might be labeled **SPDIF** or **SPDIF OUT**.

Option 2: Connect audio through a digital coaxial cable

Best quality audio

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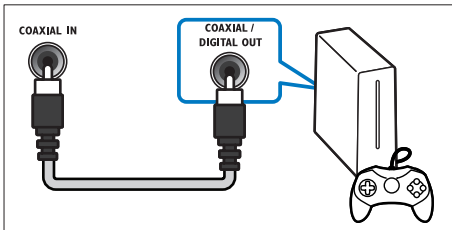
1 Using a coaxial cable, connect the **COAXIAL IN** connector on your home theater to the **COAXIAL/DIGITAL OUT** connector on the TV or other device.

- The digital coaxial connector might be labeled **DIGITAL AUDIO OUT**.

Option 3: Connect audio through analog audio cables

Basic quality audio

AUX /
AUDIO IN
L   AUDIO
OUT   VCR
L   R
R
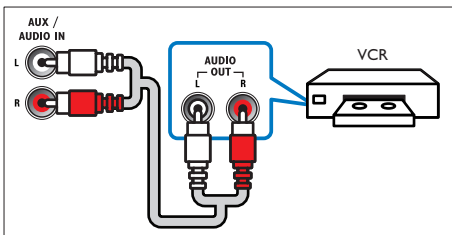
1 Using an analog cable, connect the **AUX IN (L/R)** connectors on your home theater to the **AUDIO OUT L/R** connectors on the TV or other device.

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. 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 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 10)

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 9) 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.

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.
   - **[Setup]**: Access menus to change video, audio and other settings.

3 Press ♠ (**Home**) to exit.

Auto play

Your home theater can automatically play a disc or a video file.

Auto play disc

When the home theater is switched on, the disc automatically plays.

1 Press ♠ (**Home**).
2 Select **[Setup]**, and then press **OK**.
3 Select **[Preference]** > **[Auto play disc]**> **[On]**.
   - The feature is turned on.
   - To turn off the feature, select **[Off]**. The disc will not automatically play.

Auto play video sequentially

If two or more video files are available in the same folder from a USB storage device, the next video file automatically plays after the end of a video.

1 Press ♠ (**Home**).
2 Select **[Setup]**, and then press **OK**.
3 Select **[Preference]** > **[Auto play after video]**> **[On]**.
   - The feature is turned on.
   - To turn off the feature, select **[Off]**. The next video file will not automatically play after the end of a video in the same folder.

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 MENU** to select disc source, or select **[Play disc]** from the home menu.
3 Use the remote control to control play.
   - 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 buttons	Navigate menus. Up/Down: Rotate the picture clockwise or counter-clockwise. Left/Right: Skip to the previous or next picture.
OK	Confirm an entry or selection.
▶ (**Play**)	Start or resume play.
❚❚	Pause play.
■	Stop play.
I◀ / ▶I	Skip to previous / next track, chapter or file.
◀◀ / ▶▶	Search fast backwards / forward; Search slow backwards / forward.
AUDIO	Select an audio language or channel.
SUBTITLE	Select subtitle language for video.
DISC MENU	Access or exit the disc menu.
☰	Access the advanced options when you play your audio, video, or media files. (see 'Audio, video, and picture options' on page 14)

Front panel display	Indication
OPEN	Open
rEAd	Read
PLAY	Play
PAUSE	Pause
St-bd	Skip to previous track, chapter or file
St-Fd	Skip to next track, chapter or file
FF-bd	Search fast backwards
FF-Fd	Search fast forward
SL-Fd	Search slow forward
nodSC	No disc
Error	Error

Synchronize video and sound

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

1 Press ❚❚❚.
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.

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 ☰.
   ↪ 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**.

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 22).

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**.

Subtitles

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

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

Character Set	Language
[Greek]	Greek
[Baltic]	Estonian, Latvian and Lithuanian
[Chinese]	Simplified Chinese
[Chinese-Traditional]	Traditional Chinese
[Korean]	English and Korean

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 22).

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 12).

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 ≡ repeatedly to cycle through the following functions:
   • ⌐Pᵴ-FᴵLᴱ : Repeat the current file.
   • ⌐Pᵴ-ᵴ⌐Aᶜ : Repeat the current track.
   • ⌐Pᵴ-FᴼLᵈᴱ⌐ : Repeat all the tracks in the folder.
   • ⌐Pᵴ-ᵈᴵ 5ᶜ : Repeat all the tracks on the disc.
   • ⌐Pᵴ-⌐A∩ᵈ : Repeat the tracks randomly.
   • ⌐Pᵴ-ᴼFF : Turn off the repeat mode.

Video options

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

1 Press ≡.
   » The video options menu is displayed.

2 Press the **Navigation buttons** and **OK** to select and change:
   • **[Info]**: Display information about what is playing.
   • **[Audio language]**: Select audio language for video.

• **[Subtitle language]**: Select subtitle language for video.
• **[Subtitle shift]**: Change the subtitle position on the screen.
• **[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 or top 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, or turn off the repeat mode.
• **[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 ≡.
   » 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 ⤺, 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 22).

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.

2 Press **SOURCE** repeatedly 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.

3 Use the remote control to listen or to change radio stations.

Play buttons

Button	Action
I◀ / ▶I or **Alphanumeric buttons**	Select a preset radio station.
Navigation buttons	Left/Right: Search for a radio station. Up/Down: Fine tune a radio frequency.
■	Press to stop the installation of radio stations.
⤺	Press and hold to erase the preset radio station.
OK	Manual: 1) Press navigation buttons (Up/Down) to fine tune a radio frequency; 2) Press **OK**; 3) Press I◀ / ▶I to select preset number; 4) Press **OK** to store the radio station. Automatic: Press and hold **OK** for 3 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 **SOURCE** repeatedly to switch to radio source.

2 Press ■.

3 Press and hold ▶ (**Play**) to toggle between 50 kHz or 100 kHz.

External audio device

Connect an external audio device to play audio files.

What you need
- An external audio device with 3.5mm jack.
- A 3.5mm stereo audio cable.

1 Using the 3.5mm stereo audio cable, connect the external audio device to **AUDIO IN** the connector on your home theater.

2 Press **SOURCE** repeatedly until **AUDIO IN** appears on the display panel.

3 Press the buttons on the external audio device to select and play audio files.

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

1 While playing a karaoke disc, press ☰.
  » The options menu is displayed.

2 Press the **Navigation buttons** to select **[Karaoke]**, and then press **OK**.
  » 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 ♯.

2 Press the **Navigation buttons** (left/right) to access the sound options.

Front panel display	Indication	Description
Surround	[Surround]	Select surround sound or stereo sound.
SOUND	[Sound]	Select a sound mode.
AUdiO SYNC	[Audio sync]	Delay the audio to match the video.
AUtO	[Auto volume]	Reduce sudden changes in volume, for example, during TV commercials.

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

4 Press ↰ 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 ⊞.
2 Select **[Surround]**, and then press **OK**.
3 Press the **Navigation buttons** (up/down) to select a setting.

Front panel display	Indication	Description
5ur-1	**[Auto]**	Surround sound based on the audio stream.
5ur-2	**[Multi-channel]**	Traditional 5.1 channel for a more relaxing cinematic experience.
5ur-3	**[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 20).
2 Press ⊞.
3 Select **[Sound]**, and then press **OK**.
4 Press the **Navigation buttons** (up/down) to select a setting.

Front panel display	Indication	Description
5-1	**[Auto]**	Automatically select a sound setting based on the sound stream.
5-2	**[Balanced]**	Experience the original sound of your movies and music, without added sound effects.
5-3	**[Powerful]**	Enjoy thrilling arcade sounds, ideal for action-packed videos and loud parties.
5-4	**[Bright]**	Spice up your dull movies and music with added sound effects.
5-5	**[Clear]**	Hear every detail in your music and clear voices in your movies.
5-6	**[Warm]**	Experience spoken words and music vocals in comfort.
5-7	**[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 ⊞.
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 𝄪.
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.

Note

- You cannot change a setting that is grayed out.
- To return to the previous menu, press ↰. 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 28).
- 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 display]**: Select the aspect ratio of the playback image 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 predefined color settings for the video display.

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 for your TV.
  - **[Audio sync]**: Synchronize the audio with the video.
  - **[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 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 18 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]**.

✳ Tip

• Enable audio post processing before you select a predefined sound mode (see 'Sound mode' on page 17).

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 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 NTFS-formatted, 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** 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.

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
Asia Pacific, Taiwan, Korea	ALL 3	A

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, .m4a, .mp4, .ape, .mka, .mp3, .wma, .dsf, .dff, .wav, .flac, .ogg
- Video:
  - .avi, .divx, .mp4, .m4v, .ts, .mov, .mkv, .mk3d, .mts, .m2ts, .mpg, .mpeg, .3gp, .3g2
- Picture: .gif, .png, .bmp, .jpg, .jpeg, .jpe, .jif, .jfif, .jfi

Audio formats

Your home theater supports the following audio files.

Extension	Container	Audio codec	Bit rate
.mp3	MP3	MP3	Up to 320 kbps
.wma		WMA	Up to 192 kbps
		WMA Pro	Up to 768 kbps
.aac	AAC	AAC, HE-AAC	Up to 192 kbps
.wav	WAV	PCM	27.648 Mbps
.m4a	MKV	AAC	192 kbps
		ALAC	Up to 192 kHz sampling rate
.mka	MKA	PCM	27.648 Mbps
		AC-3	640 kbps
		DTS core	1.54 Mbps
		MPEG	912 kbps
		MP3	Up to 320 kbps
		WMA	Up to 192 kbps
		WMA Pro	Up to 768kbps
		AAC, HE-AAC	Up to 192 kbps
.flac	FLAC	FLAC	Up to 24 bit per sample
.ogg	OGG	Vorbis	Variable bit rate, maximum block size 4096
		OGGPCM	No limitation
		MP3	Up to 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 ~ 30 frames per second.

.avi files in AVI container (or .ts files in TS container)

Audio codec	Video codec	Bit rate
PCM, AC-3, DTS core, MP3, WMA, DD+	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 up to HiP@5.1	25 Mbps

.divx files in AVI container

Audio codec	Video codec	Bit rate
PCM, AC-3, DTS core, MP3, WMA, DD+	DivX 3.11, DivX 4.x, DivX 5.x, DivX 6.x	10 Mbps max

.mp4 or .m4v files in MP4 container

Audio codec	Video codec	Bit rate
AC-3, MPEG, MP3, AAC, HE-AAC, DD+	MPEG 1, MPEG 2	40 Mbps
	MPEG 4 ASP	38.4 Mbps
	H.264/AVC up to HiP@5.1	25 Mbps

.mov files in MOV container

Audio codec	Video codec	Bit rate
AC-3, MPEG, MP3, AAC, HE-AAC	MPEG 1, MPEG 2	40 Mbps
	MPEG 4 ASP	38.4 Mbps
	H.264/AVC up to HiP@5.1	25 Mbps

.mkv files in MKV container

Audio codec	Video codec	Bit rate
PCM, AC-3, DTS core, MPEG, MP3, WMA, AAC, HE-AAC, DD+, FLAC	DivX Plus HD	30 Mbps
	MPEG 1, MPEG 2	40 Mbps
	MPEG 4 ASP	38.4 Mbps
	H.264/AVC up to HiP@5.1	25 Mbps

.m2ts files in MKV container

Audio codec	Video codec	Bit rate
PCM, AC-3, DTS core, MPEG, MP3, WMA, AAC, HE-AAC, DD+	MPEG 1, MPEG 2	40 Mbps
	MPEG 4 ASP	38.4 Mbps
	H.264/AVC up to HiP@5.1	25 Mbps

.mpg and .mpeg files in PS container

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

.3gp files in 3GP container

Audio codec	Video codec	Bit rate
AAC, HE-AAC	MPEG 4 ASP	38.4 Mbps
	H.264/AVC up to HiP@5.1	25 Mbps max

Amplifier

- Total output power:
  300W RMS (10% 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

- 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 ⎓, 1A

Main unit

- Power supply: 110-240 V~, 50-60 Hz
- Power consumption: 60 W
- Standby power consumption: ≤ 0.5 W
- Dimensions (W x H x D):
  340 x 55 x 279 mm
- Weight: 1.87 kg
- Operating temperature and humidity:
  0°C to 45°C, 5% to 90% humidity for all
  climates
- Storage temperature and humidity:
  -40°C to 70°C, 5% to 95%

Speakers

Center speaker:
- Output power: 50 W RMS (30% THD)
- Speaker impedance: 3 ohm
- Speaker drivers: 1 x 63.5 mm (2.5") full
  range
- Dimensions (W x H x D):
  85 x 88 x 83 mm
- Weight: 0.26 kg
- Cable length: 1.2 m

Front/Rear speaker:
- Output power: 4 x 50 W RMS (30% THD)
- Speaker impedance: 3 ohm
- Speaker drivers: 1 x 63.5 mm (2.5") full
  range
- Dimensions (W x H x D):
  85 x 88 x 83 mm
- Weight: 0.25 kg/each
- Cable length: 2.2 m (front); 7.2 m (rear)

Subwoofer

- Output power: 50 W RMS (30% THD)
- Speaker drivers: 133 mm (5.25") woofer
- Impedance: 8 ohm
- Dimensions (W x H x D):
  160 x 265 x 265 mm
- Weight: 2.5 kg
- Cable length: 2.3 m

Remote control batteries

- 2 x AAA-R03-1.5 V

Laser

- Laser Type (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.
- 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 ♠ (**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 19).

Disc does not play high-definition video.

- Make sure that the disc contains high-definition video.
- Make sure that the TV supports high-definition 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 10).
- Reset your home theater to its factory settings (see 'Restore default settings' on page 20), 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 ♪♪.
  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 22).

- Make sure that the home theater supports the region code of the disc (see 'Region codes' on page 22).
- 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 13).
- Select the correct character set:
  1) Press ☰.
  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 9).
- 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 home theater, the TV 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.

9 Notice

This section contains the legal and trademark notices.

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Respect copyrights

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10 Language code

Abkhazian	6566	Inupiaq	7375	Pushto	8083
Afar	6565	Irish	7165	Russian	8285
Afrikaans	6570	Íslenska	7383	Quechua	8185
Amharic	6577	Italiano	7384	Raeto-Romance	8277
Arabic	6582	Ivrit	7269	Romanian	8279
Armenian	7289	Japanese	7465	Rundi	8278
Assamese	6583	Javanese	7486	Samoan	8377
Avestan	6569	Kalaallisut	7576	Sango	8371
Aymara	6589	Kannada	7578	Sanskrit	8365
Azerhaijani	6590	Kashmiri	7583	Sardinian	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
Chuang; Zhuang	9065	Macedonian	7775	Tajik	8471
Church Slavic; Slavonic	6785	Malagasy	7771	Tamil	8465
Chuvash	6786	Magyar	7285	Tatar	8484
Corsican	6779	Malayalam	7776	Telugu	8469
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