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

HTS3531

EN **User manual**

PHILIPS

Contents

1 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.

Copyright in the UK

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

Compliance

$C\epsilon$

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

Mains fuse (UK only)

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

This product is fitted with an approved molded plug. If you replace the fuse, use one with:
*   the ratings shown on the plug,
*   a BS 1362 approval, and
*   the ASTA approval mark.

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

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

Trademarks

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

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

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

HDMI, and HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC in the United States and other countries.

CLASS 1 LASER PRODUCT

2 Important

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

Complete user manual

The complete user manual includes information on the advanced features of your home theatre. Download the complete user manual by selecting your home theatre model at www.philips.com/support.

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.
- 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 theatre!

- For wall-mountable products, use only the supplied wall mount bracket. Secure the wall mount to a wall that can support the combined weight of the product and the wall mount. Koninklijke Philips Electronics N.V. bears no responsibility for improper wall mounting that 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 alkaline, etc.).
- Remove batteries if they are exhausted or if the remote control is not to be used for a long time.
- Batteries contain chemical substances, they should be disposed of properly.

Risk of swallowing batteries!

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

Care for your product

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

Care of the environment

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

When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC. Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste.

Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.
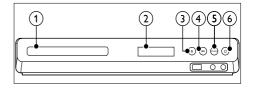

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste.

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

3 Your home theatre

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

Main unit

a **Disc compartment**

b **Display panel**

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

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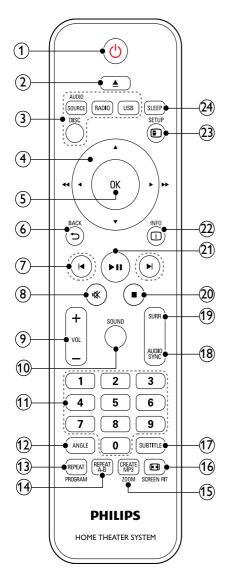Start, pause or resume play.

e **SOURCE**
Select an audio or video source for the home theatre.

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

Remote control

This section includes an overview of the remote control.

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

b ▲ (Open/Close)
Open or close the disc compartment, or eject the disc.

c Source buttons
- **DISC**: Switch to disc source. Access or exit the disc menu when you play a disc.
- **AUDIO SOURCE**: Select an audio input source.
- **RADIO**: Switch to FM radio.
- **USB**: Switch to USB storage device.

d Navigation buttons
- Navigate menus.
- In video mode, press left or right to fast backward or fast forward; press up or down to slow backward or slow forward.
- In radio mode, press left or right to search a radio station; press up or down to fine tune a radio frequency.

e OK
Confirm an entry or selection.

f ⤺ BACK
Return to a previous menu screen.

g ⏮ / ⏭ (Previous/Next)
- Skip to the previous or next track, chapter or file.
- In radio mode, select a preset radio station.

h ✖ (Mute)
Mute or restore volume.

i VOL +/-
Increase or decrease volume.

j SOUND
Select a sound mode.

k Numeric buttons
Select an item to play.

l ANGLE
Select video scenes recorded in different camera angels.

m **REPEAT / PROGRAM**
- Select or turn off repeat mode.
- In radio mode, set a radio station.

n **REPEAT A-B**
Mark two points within a chapter or track to repeat play, or turn off the repeat mode.

o **CREATE MP3/ZOOM**
- Access the create MP3 menu.
- Zoom into a video scene or picture. Press the **Navigation buttons** (left/ right) to select a zoom factor.

p **⊞ SCREEN FIT**
Fit the picture format to the TV screen.

q **SUBTITLE**
Select subtitle language for video.

r **AUDIO SYNC**
- Select an audio language or channel.
- Press and hold to access audio delay setting, then press **+/-** to delay the audio to match the video.

s **SURR**
Select surround sound or stereo sound.

t ■ **(Stop)**
Stop play.

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

v ① **INFO**
Access more play options while playing a disc or a USB storage device.

w ▣ **SETUP**
Access or exit the setup menu.

x **SLEEP**
Switch the home theatre to standby after a specified time.

4 Use your home theatre

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

Before you start
- Make the necessary connections described in the Quick start guide or find more information from the complete user manual (see 'Complete user manual' on page 5).
- Switch the TV to the correct source for the home theatre.

Discs

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

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

Play discs

1 Insert a disc into the home theatre.
  » Your TV switches to the correct source and the disc plays automatically. If it does not, press **DISC**.

2 Press the play buttons to control play (see 'Play buttons' on page 9).

Play buttons

Button	Action
Navigation buttons	Navigate menus.
OK	Confirm an entry or selection.
▶II (**Play/ Pause**)	Start, pause or resume play.
■	Stop play.
I◀ / **▶I**	Skip to the previous or next track, chapter or file.
◀◀ / **▶▶**	Fast backwards or fast forwards. Press repeatedly to change the search speed.
Navigation buttons (left/ right)	Rotate the picture clockwise or anti-clockwise.
Navigation buttons (up/ down)	Flip the picture vertically or horizontally.
SUBTITLE	Select subtitle language for video.
DISC	Access or exit the disc menu.
AUDIO SYNC	Select an audio language or channel.
◨ SCREEN FIT	Fit the picture format to the TV screen.
ZOOM	Zoom into a video scene or picture.
REPEAT	Select or turn off repeat mode.
REPEAT A-B	Mark two points within a chapter or track to repeat play, or turn off the repeat mode.
ANGLE	Select video scenes recorded in different camera angels.
ⓘ INFO	Access the advanced options when you play your audio, video, or media files (see 'Audio, video, and picture options' on page 10).

Synchronise picture and sound

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

1 Press ◙ **SETUP**.

2 Select **[Audio Setup]**, and then press **OK**.

3 Select **[Audio Sync]**, and then press **OK**.

4 Press the **Navigation buttons** (left/right) to synchronise the audio with the video.

5 Press **OK** to confirm.

Note

- Press and hold **AUDIO SYNC** on the remote control for quick access to the audio sync setup menu.

USB storage devices

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

What you need
- A USB storage device that is formatted for FAT, and complies with the Mass Storage Class.
- A USB extension cable, if the USB storage device does not fit into the connector.

Note

- You can use digital cameras connected by USB if they can play the files without using a special computer programme.

Play files

1 Connect the USB storage device to the home theatre.

2 Press **USB**.
  ↪ A content browser is displayed.

3 Select a file, and then press **OK**.

4 Press the playback buttons to control play (see 'Play buttons' on page 9).

DivX

Play DivX videos from :
- a disc (see 'Discs' on page 8),
- a USB storage device (see 'USB storage devices' on page 9).

VOD code for DivX

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

1 Press ⊟ **SETUP**.
2 Select **[General Setup]**, and then press **OK**.
3 Select **[DivX(R) VOD Code]**, and then press **OK**.
   » The DivX VOD registration code for your home theatre is displayed.

Subtitles

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

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

Note

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

Subtitle character set

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

1 Press ⊟ **SETUP**.
2 Select **[Preference Setup]**, and then press **OK**.
3 Select **[DivX Subtitle]**, and then press **OK**.
4 Select a character set, and the press **OK**.

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

Audio, video, and picture options

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

Audio options

1 Press ⓘ **INFO** repeatedly to cycle through the following options:
   - Show the current track information and time.
   - **[Off]**: Press **Navigation buttons** (left/right) to select a repeat mode.
   - **[Disc Go To:]**: Skip to a specific part of the disc by entering the disc time.
   - **[Track Go To:]**: Skip to a specific part of the track by entering the track time.
   - **[Select Track:]**: Select a specific track.

Video options

1 Press ⓘ **INFO**.
  » The video options menu is displayed.

2 Press the **Navigation buttons** and **OK** to select and change:
  - **[Title]**: Select a specific title.
  - **[Chapter]**: Select a specific chapter.
  - **[Track]**: Select a specific track (for VCD/SVCD only).
  - **[Audio]**: Select audio language for video.
  - **[Subtitle]**: Select subtitle language for video.
  - **[Angle]**: Select video scenes recorded in different camera angels.
  - **[TT Time]**: Skip to a specific part of the video by entering the title time.
  - **[Ch Time]**: Skip to a specific part of the video by entering the chapter time.
  - **[Disc Time]**: Skip to a specific part of the video by entering the disc time (for VCD/SVCD only).
  - **[Track Time]**: Skip to a specific part of the video by entering the track time (for VCD/SVCD only).
  - **[Repeat AB]**: Mark two points within a chapter or track to repeat play, or turn off the repeat mode.
  - **[Preview]**: Select a content preview for disc.
  - **[Repeat]**: Select a repeat mode.
  - **[Time Disp.]**: Select the information of time display.

Picture options

1 Press ⓘ **INFO** to access picture preview mode.
  » 12 thumbnail pictures are displayed.

2 Press ◄ / ► to go to previous or next preview page.

3 Press the **Navigation buttons** and **OK** to select a picture.

EasyLink

The home theatre supports Philips EasyLink, which uses the HDMI-CEC (Consumer Electronics Control) protocol. EasyLink-compliant devices that are connected through HDMI can be controlled by a single remote control.
Philips does not guarantee 100% interoperability with all HDMI-CEC devices.

What you need
- HDMI-CEC compliant devices.
- An HDMI connection between the connected devices.

Switch on

1 On the TV and other connected devices, turn on the HDMI-CEC operations. For details, see the manual of the TV or other devices.

2 Press ⊟ **SETUP**.

3 Select **[General Setup]**, and then press **OK**.

4 Select **[EasyLink Setup]** > **[EasyLink]**, and then press **OK**.

5 Select **[On]**, and then press **OK**.

Control devices

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

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

One-touch standby
When you press and hold ⏻ (**Standby**) on the remote control, the home theatre and all the connected HDMI-CEC devices (that support one-touch standby) switch to the standby mode.
If one-touch standby is enabled on your home theatre, you can switch to standby with the remote control of the TV or other HDMI-CEC devices.

5 Product specifications

> **Note**
>
> • Specifications and design are subject to change without notice.

Region codes

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

Country	DVD
Europe, United Kingdom	ALL 2
Asia Pacific, Taiwan, Korea	ALL 3
Latin America	ALL 4
Australia, New Zealand	ALL 4
Russia, India	ALL 5
China	ALL 6

Media formats

• 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 media, USB storage device

File formats

• Audio: .mp3, .wma
• Video: .avi, .divx, .mpg, .mpeg,
• Picture: .jpg, .jpeg

Amplifier

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

Video

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

Audio

• S/PDIF Digital audio input:
  • 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: 64 kbps - 192 kbps

Radio

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

USB

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

Main unit

• Power supply:
  • Europe/China/Russia/India: 220-240V, ~50 Hz
  • Latin America/Asia Pacific: 110-240V ~50-60 Hz

- Power consumption: 55 W
- Standby power consumption: ≤ 0.9 W
- Dimensions (WxHxD): 360 x 58 x 325 mm
- Weight: 2.3 kg

Subwoofer

- Output power: 50 W RMS (30% THD)
- Impedance: 4 ohm
- Speaker drivers: 133 mm (5.25'') woofer
- Dimensions (WxHxD): 160 x 265 x 265 mm
- Weight: 2.5 kg
- Cable length: 3 m

Speakers

Center speaker:
- Output power: 50 W RMS (30% THD)
- System: 1 x 63.5 mm (2.5'') full range
- Speaker impedance: 4 ohm
- Speaker drivers: 1 x 63.5 mm (2.5'') woofer
- Dimensions (WxHxD): 159 x 84.5 x 80 mm
- Weight: 0.35 kg
- Cable length: 2 m

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

Remote control batteries

- 2 x AAA-R03-1.5 V

Laser

- Type: Semiconductor laser GaAIAs (CD)
- Wave length: 645 - 665 nm (DVD), 770 - 800 nm (CD)
- Output power: 6 mW (DVD), 7 mW (VCD/CD)
- Beam divergence: 60 degrees.

6 Troubleshooting

![Warning] **Warning**

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

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

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

Main unit

The buttons on the home theatre do not work.
- Disconnect the home theatre from the power supply for a few minutes, then reconnect.

Picture

No picture.
- Make sure that the TV is switched to the correct source for the home theatre.
- If this happens when you change the TV system, press ▲ to open the disc compartment, and then **3** on the remote control to restore the default TV system..

No picture on a TV connected through HDMI.
- Make sure that the HDMI cable is not faulty. If it is faulty, replace it with a new cable.
- Press ▲ to open the disc compartment, and then **1** on the remote control to restore the default picture resolution.
- Wait for 10 seconds for auto recovery, or change the HDMI video setting.

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 theatre speakers.
*   Connect the audio cable from your home theatre to your TV or other devices.
*   If the connected device is HDMI-CEC compliant, set up the audio for the connected device (see 'Play audio from home theatre' on page 12).
*   On your home theatre, press **SOURCE** repeatedly to select the correct audio input.

Distorted sound or echo.
*   If you play audio from the TV through the home theatre, make sure that the TV is muted.

Audio and video are not synchronised.
*   1) Press and hold **AUDIO SYNC**. 2) Press **+/-** within five seconds to synchronise the audio with the video.

Play

Cannot play a disc.
*   Clean the disc.
*   Make sure that the home theatre supports the type of disc (see 'Media formats' on page 12).
*   Make sure that the home theatre supports the region code of the disc (see 'Region codes' on page 12).
*   If the disc is a DVD±RW or DVD±R disc, make sure that it is finalised.

Cannot play a DivX file.
*   Make sure that the DivX file is encoded according to the 'Home Theatre Profile' with the DivX encoder.
*   Make sure that the DivX file is complete.

DivX subtitles do not display correctly.
*   Make sure that the subtitle file name is the same as the movie file name (see 'Subtitles' on page 10).
*   Select the correct character set: 1) Press ⏏ **SETUP**. 2) Select **[Preference Setup]** > **[DivX Subtitle]**. 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 theatre.
*   Make sure that the file system on the USB storage device is supported by the home theatre.

'No entry' or 'x' sign appears on the TV.
*   The operation is not possible.

EasyLink does not work.
*   Make sure that the home theatre is connected to a Philips brand EasyLink TV, and the EasyLink option is on (see 'EasyLink' on page 11).

When you switch on the TV, the home theatre automatically switches on.
*   This behavior is normal when you are using Philips EasyLink (HDMI-CEC). To make the home theatre work independently, switch off EasyLink.