Always there to help you

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

HTB3560K

Question?
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Philips



User manual

PHILIPS

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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. Read and understand all instructions before you use your home theater. 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 N.V. bears no responsibility for improper wall mounting that results in accident, injury or damage.
- For speakers with stands, use only the supplied stands. Secure the stands to the speakers tightly. Place the assembled stands on flat, level surfaces that can support the combined weight of the speaker and stand.
- Never place the product or any objects on power cords or on other electrical equipment.
- If the product is transported in temperatures below 5°C, unpack the product and wait until its temperature matches room temperature before connecting it to the power outlet.
- Visible and invisible laser radiation when open. Avoid exposure to beam.
- Do not touch the disc optical lens inside the disc compartment.
- Parts of this product can be made of glass. Handle with care to avoid injury and damage.

Risk of overheating!

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

Risk of contamination!

- Do not mix batteries (old and new or carbon and alkaine, etc.).
- Danger of explosion if batteries are incorrectly replaced. Replace only with the same or equivalent type.
- Remove batteries if they are exhausted or if the remote control is not to be used for a long time.
- Batteries contain chemical substances, they should be disposed of properly.

Risk of swallowing batteries!

- The product/remote control may contain a coin/button type battery, which can be swallowed. Keep the battery out of reach of children at all times! If swallowed, the battery can cause serious injury or death. Severe internal burns can occur within two hours of ingestion.
- If you suspect that a battery has been swallowed or placed inside any part of the body, seek immediate medical attention.
- When you change the batteries, always keep all new and used batteries out of reach of children. Ensure that the battery compartment is completely secure after you replace the battery.
- If the battery compartment cannot be completely secured, discontinue use of the product. Keep out of reach of children and contact the manufacturer.



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

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 for the environment



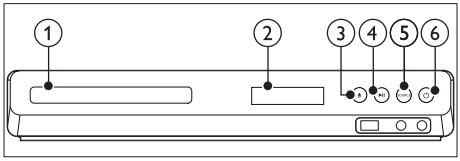
Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.
Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products and batteries. 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.



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

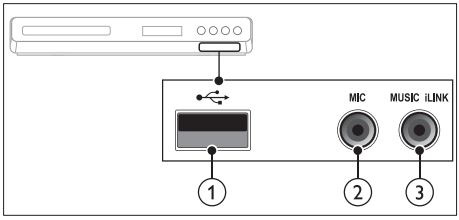
Front panel display	Indication
HOME	Home
RAd IO	Radio
d ISC	Disc
AUX	Aux In
OPt I	Optical In
AUd IO	Audio In

Front panel display	Indication
OPEN	Open
CLOSE	Close
LOAd	Load
PAUSE	Pause
----	Mute

Connectors

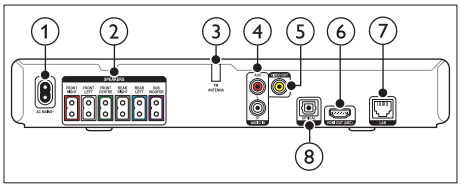
This section includes an overview of the connectors available on your home theater.

Front connectors



1. ⇻ (USB)
   Audio, video or picture input from a USB storage device.
2. MIC
   Audio input from a microphone.
3. MUSIC iLINK
   Audio input from an MP3 player.

Rear connectors



1. AC MAINS
   Connect to the power supply.

② SPEAKERS
Connect to the supplied speakers and subwoofer.

③ ANTENNA FM
Fixed FM antenna.

④ AUDIO IN-AUX
Connect to an analog audio output on the TV or an analog device.

⑤ VIDEO OUT
Connect to the composite video input on the TV.

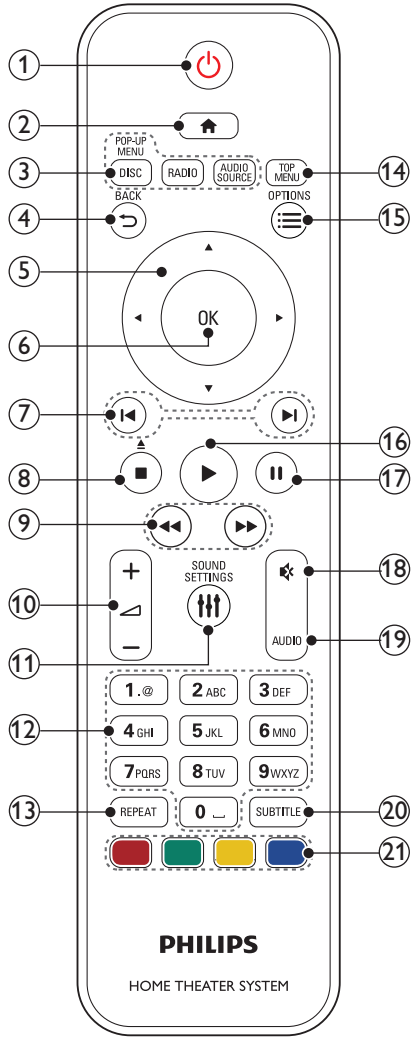
⑥ HDMI OUT (ARC)
Connect to the HDMI input on the TV.

⑦ LAN
Connect to the LAN input on a broadband modem or router.

⑧ DIGITAL IN-OPTICAL
Connect to an optical audio output on the TV or a digital device.

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.
- **AUDIO 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) / ▲ (Eject/Open/Close)**
- Stop play.
- Press and hold for three seconds to open or close the disc compartment, or eject the disc.

⑨ **◄◄ / ►► (Fast Backward / Fast Forward)**
Search backwards or forward. Press repeatedly to change the search speed.

⑩ **+/- (Volume)**
Increase or decrease volume.

⑪ **SOUND SETTINGS**
Access or exit sound options.

⑫ **Alphanumeric buttons**
Enter values or letters (using SMS style entry).

⑬ **REPEAT**
Select or turn off repeat mode.

⑭ **TOP MENU**
Access the main menu of a disc.

⑮ **OPTIONS**
- Access more play options while playing a disc or a USB storage device.
- In radio mode, set a radio station.

⑯ **► (Play)**
Start or resume play.

⑰ **❚❚ (Pause)**
Pause play.

⑱ **(Mute)**
Mute or restore volume.

⑲ **AUDIO**
Select an audio language or channel.

⑳ **SUBTITLE**
Select subtitle language for video.

㉑ **Color buttons**
Select tasks or options for Blu-ray discs.

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.

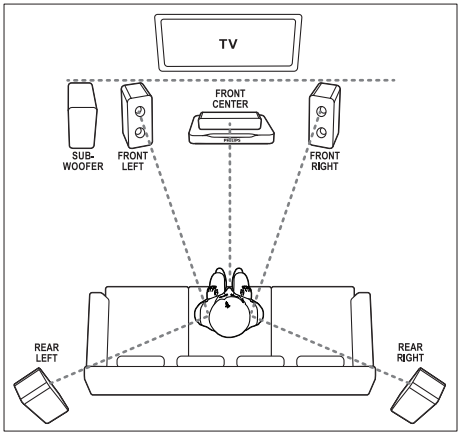
Note

- 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).



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

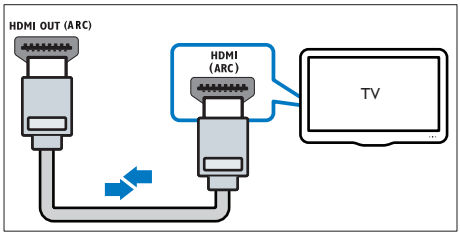
Connect your home theater to a TV to watch videos. You can listen to audio from TV programs through your home theater speakers. Use the best quality connection available on your home theater and TV.

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, connect your home theater to the TV through the HDMI ARC connection for easy and quick setup.
With HDMI ARC, you do not need an additional audio cable to play audio from TV through your home theater.

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 **HDMI IN** or **HDMI**. For details on TV connectors, see the TV user manual.



2 On your TV, turn on HDMI-CEC. For details, see the TV user manual.
↳ When you play a disc on your home theater, the video is automatically displayed on TV and the audio is automatically played on the home theater.

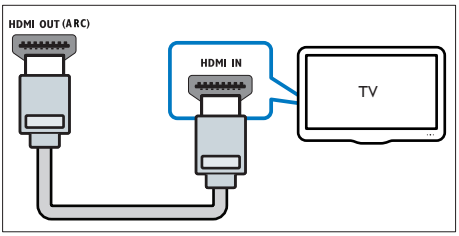
3 If audio from the TV does not play automatically on your home theater, set up the audio manually.

Option 2: Connect to TV through HDMI

Best quality video

If your TV is not HDMI ARC compliant, connect your home theater to the TV through a standard HDMI connection.
With a standard HDMI connection, you need an additional audio cable to play the audio from the TV through your home theater.

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



2 On your TV, turn on HDMI-CEC. For details, see the TV user manual.
↳ When you play a disc on your home theater, the video is automatically displayed on TV and the audio is automatically played on the home theater.

3 To play audio from TV programs through your home theater, connect an additional audio cable.

4 If audio from the TV does not play automatically on your home theater, set up the audio manually.

Note

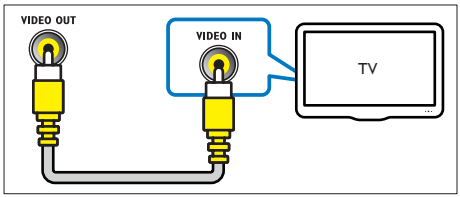
- If your TV has a DVI connector, you can use an HDMI/DVI adapter to connect to TV.

Option 3: Connect to the TV through composite video

Basic quality video

If your TV does not have HDMI connectors, connect your home theater to the TV through a composite connection. A composite connection does not support high-definition video.
With a composite connection, you need an additional audio cable to play the audio from the TV through your home theater.

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



2 On your TV, switch to the correct video input.

3 To play audio from TV programs through your home theater, connect an additional audio cable.
On your home theater, press **SOURCE** repeatedly to select the correct audio input.

Connect audio from TV and other devices

Play audio from TV or other devices through your home theater speakers.
Use the best quality connection available on your TV, home theater, and other devices.

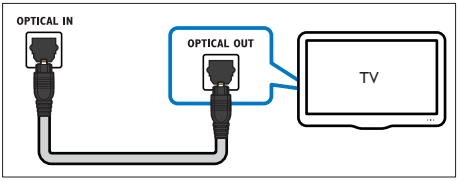
Note

- When your home theater and TV are connected through HDMI ARC, an audio connection is not required.

Option 1: Connect audio through a digital optical cable

Best quality audio

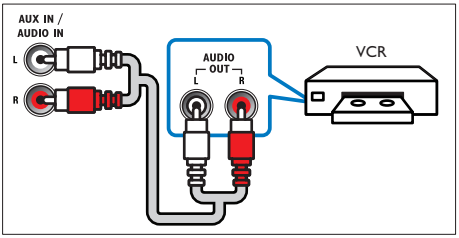
1 Using an optical cable, connect the **OPTICAL** connector on your home theater to the **OPTICAL OUT** connector on the TV or other device.
- The digital optical connector might be labeled **SPDIF** or **SPDIF OUT**.



Option 2: Connect audio through analog audio cables

Basic quality audio

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



Set up 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 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, check that you have enabled Easylink on all the devices (see 'Enable EasyLink' on page 10). Then, set up 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 home network with internet access and enjoy:

- YouTube leanback
- Picasa web albums
- BD-Live applications
- Software update

Caution

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

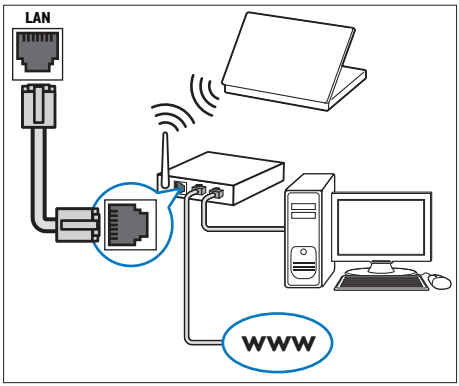
Before you start

- For 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]**.

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.
- Switch the TV to the correct source for the home theater.

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
   - **[Picasa]**: Access Picasa web albums.
   - **[YouTube]**: Access YouTube Leanback page.
   - **[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 12).
   - 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.
OK	Confirm an entry or selection.
▶ (**Play**)	Start or resume play.
❚❚	Pause play.
■	Stop play.
⏮ / ⏭	Skip to the previous or next track, chapter or file.
◀◀ / ▶▶	Fast backward or fast forward. Press repeatedly to change the search speed.
AUDIO	Select an audio language or channel.
SUBTITLE	Select subtitle language for video.
DISC/ POP-UP MENU	Access or exit the disc menu.
☰ **OPTIONS**	Access the advanced options when you play your audio, video, or media files (see 'Audio, video, and picture options' on page 15).
REPEAT	Select or turn off repeat mode.

Synchronize video and sound

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

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

Play RMVB or RM file

Available only in Asia Pacific and China

An Real Media Variable Bitrate (RMVB) and RealMedia (RM) file contains both audio and video. You can copy an RMVB or RM file from your computer onto a recordable disc or USB storage device, and play them from your home theater.

1 Play a disc or USB storage device that contains a RMVB or RM file.

Note

- Make sure that the file extension is '.RMVB' or '.RM'.
- Make sure that the subtitle file has the exact same name as the video file.
- If the subtitles do not appear correctly, change the character set.

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 3D TV
- 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.

Bonus View on Blu-ray

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

1 Enable Bonus View in the Blu-ray disc menu.

2 While you play the movie, press **OPTIONS**.
   ↳ The options menu is displayed.

3 Select **[PIP Selection]** > **[PIP]**.
   - Depending on the video, PIP menu [1] or [2] is displayed.
   - To disable Bonus View, select **[Off]**.

4 Select **[2nd Audio Language]** or **[2nd Subtitle Language]**.

5 Select the language, and then press **OK**.

BD-Live on Blu-ray

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

What you need

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

1 Connect your home theater to a home network with Internet access (see 'Connect and set up a home network' on page 11).

2 Connect a USB storage device to your home theater.

3 Press ⌂ (**Home**) and select **[Setup]**.

4 Select **[Advanced]** > **[BD-Live Security]** > **[Off]** to enable BD-Live.
   - To disable BD-Live, select **[On]**.

5 Select the BD-Live icon in the disc menu, and then press **OK**.
   ↳ BD-Live starts to load. The loading time depends on the disc and your internet connection.

6 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 27).

1 Play the files from a disc or USB storage device.

2 To stop play, press ■.
   - To resume the video from where you stopped, press ▶ (**Play**).
   - To play the video from the start, press **OK**.

Note

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

Subtitles

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

Note

- Make sure that the subtitle file has the exact same name as the video file. For example, if the video file is named 'movie.avi', name the subtitle file as 'movie.srt' or 'movie.sub'.
- Your home theater supports the following file formats: .srt, .sub, .txt, .ssa, .ass, smi, and .sami. If the subtitles do not appear correctly, change the character set.

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

2 For DivX 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.

Asia Pacific and China

Character Set	Language
[Standard]	Albanian, Danish, Dutch, English, Finnish, French, Gaelic, German, Italian, Kurdish (Latin), Norwegian, Portuguese, Spanish, Swedish, Turkish
[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 27).

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

Video options

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

1 Press **OPTIONS**.
↳ The video options menu is displayed.
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**.
   ↳ The picture options menu appears.

2 Press the **Navigation buttons** and **OK** to select and change the following settings:
- **[Rotate +90]**: Rotate the picture 90 degree clockwise.
- **[Rotate -90]**: Rotate the picture 90 degree counter-clockwise.
- **[Zoom]**: Zoom into a video scene or picture. Press the **Navigation buttons** (left/right) to select a zoom factor.
- **[Info]**: Display picture information.
- **[Duration per slide]**: Select the display speed for each picture in a slide show.
- **[Slide Animation]**: Select animation for the slide show.
- **[Picture Settings]**: Select a predefined color setting.
- **[Repeat]**: Repeat a selected folder.

Musical slideshow

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

1 Select an audio track, and then press **OK**.
2 Press ⮌ **BACK**, and go to the picture folder.
3 Select a picture, and then press ▶ (**Play**) to start the slideshow.
4 Press ■ to stop slideshow.
5 Press ■ again to stop music.

Note

- Make sure that the picture and audio formats are supported by your home theater (see 'File formats' on page 27).

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, or if fewer than five stations are found, you are prompted to install the radio stations again.

1 Extend the FM antenna at the back of your home theater and place it away from the TV or other sources of radiation.
2 Press **RADIO**.
   ↳ If you have already installed the radio stations, the last channel that you listened to is played.
   ↳ If you have not installed any radio stations, the message **AUTO INSTALL...PRESS PLAY** appears on the display panel. press ▶ (**Play**).
3 Use the remote control to listen or to change radio stations.

Button	Action
⏮ / ⏭ 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.
⮌ BACK	Press and hold to erase the preset radio station.
OPTIONS	Manual: 1) Press ☰ OPTIONS. 2) Press ⏮ / ⏭ 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.

Tuning grid

In some countries, you can toggle the FM tuning grid between 50 kHz and 100 kHz. Switching the tuning grid erases all preset radio stations.

1 Press **RADIO**.
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 **MUSIC iLINK** connector on your home theater.
2 Press **AUDIO SOURCE** repeatedly until **MUSIC I-LINK** appears on the display panel.
3 Press the buttons on the MP3 player to select and play audio files.

YouTube videos

Enjoy YouTube videos through your home theater.

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 **[YouTube]**, and then press **OK**.
↳ The YouTube Leanback page is displayed.
4 Follow the onscreen instructions to browse the YouTube page.
5 Use the remote control to select and navigate the application.

Button	Action
Navigation buttons	Up: Access the onscreen keyboard. Down: Access the onscreen playback buttons. Left/Right: Select a video from the playlist.

- If you do not press a button within few seconds, the onscreen buttons and menu exit automatically.

6 Press ⌂ (**Home**) to exit YouTube page.

Picasa web albums

Access Picasa Web Albums through your home theater.

What you need

- An account with Picasa Web Albums.

1 Connect your home theater to a home network with Internet access (see 'Connect and set up a home network' on page 11).
2 Press ⌂ (**Home**).
3 Select **[Picasa]**, and then press **OK**.
4 Log in to your Picasa web account.
   - The first time you log in, select **[New user]**, and then enter your user name and password. Save your login information for subsequent use.
   - If you have logged in before, select a stored user name and enter the password.
5 Select the onscreen options to view the albums or photos.
6 Press ⌂ (**Home**) to exit Picasa menu.

View slideshow

1 Select **[My photos]** from the Picasa menu, and then press **OK**.
   ↳ The photo albums in your Picasa Web Albums are displayed.
2 Select a photo, and then press **OK** to view the photo in full screen.
3 Press **OK** again to view the photos in a slideshow.
4 While viewing a slideshow, press **OPTIONS** to access more play options.
5 Press ⮌ **BACK** to return to the previous screen.

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
- Personalize your sound settings
- 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.
- 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
App Home	Return to the home screen of your 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.

Option	Action
Remote	Access the remote control on your mobile device. Swipe the screen to the left or right to access more buttons. Only the relevant buttons are enabled on your mobile device. Some functions such as 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.

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 19)
  - Windows Media Player 12 (see 'Microsoft Windows Media Player 12' on page 20)
  - Twonky Media for Mac (see 'Macintosh OS X Twonky Media (v4.4.2)' on page 20)

Note

- For additional help on these applications or other media servers, check the user manual of the media server 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 DLNA-compatible 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 12).

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 ☰ OPTIONS.
↳ The options menu is displayed.

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

3 Choose an audio channel that turns off the vocal, and then press **OK**.

4 Select **[Karaoke]**, and then press **OK**.
↳ The karaoke setup menu is displayed.

5 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.

Choose sound

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

1 Press ♫ SOUND SETTINGS.

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

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

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

4 Press ⮌ BACK to exit.
If you do not press a button within a minute, the menu exits automatically.

Sound mode

Select predefined sound modes to suit your video or music.

1 Press ♫ SOUND SETTINGS.

2 Select **SOUND**, and then press **OK**.

3 Press the **Navigation buttons** (up/down) to select a setting on the display:
- **MOVIE**: Enjoy a cinematic audio experience, specially enhanced for movies.
- **MUSIC**: Recreate the original recording environment of your music, in the studio or at a concert.
- **ORIGINAL**: Experience the original sound of your movies and music, without added sound effects.
- **NEWS**: Hear every word with optimized speech and clear vocals.
- **GAMING**: Enjoy thrilling arcade sounds, ideal for action-packed video games or loud parties.

4 Press **OK** to confirm.

Surround sound mode

Experience an immersive audio experience with surround sound modes.

1 Press **SOUND SETTINGS**.
2 Select **SURROUND**, and then press **OK**.
3 Press the **Navigation buttons** (up/down) to select a setting on the display:
   - **AUTO**: Surround sound based on the audio stream.
   - **MULTI-CH**: Immersive multi-channel sound for an enhanced movie experience.
   - **STEREO**: Two-channel stereo sound. Ideal for listening to music.
4 Press **OK** to confirm.

Equalizer

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

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

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 **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 33).
- 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 a picture format to fit the TV screen.
   - **[HDMI Video]**: Select the resolution of video signal that is output from **HDMI OUT (ARC)** on your home theater. To enjoy the selected resolution, make sure that your TV supports the selected resolution.
   - **[HDMI Deep Color]**: Recreate the natural world on your TV screen by displaying vivid images using billion colors. Your home theater must be connected to a Deep Color enabled TV through an HDMI cable.
   - **[Picture Settings]**: Select pre defined color settings for the video display.
   - **[Watch 3D video]**: Set HDMI video to support 3D or 2D video.

Note

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

Audio settings

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

Parental control settings

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

Display settings

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

Energy saving settings

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

Speaker settings

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

Tip

- Enable audio post processing before you select a predefined sound mode (see 'Sound mode' on page 21).

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 Info.]**, and then press **OK**.
   ↳ The software version is displayed.

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

Note

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

Update software through USB

What you need

- A USB flash drive that is FAT or NTFS-formatted, with at least 75MB 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.
↳ Once complete, the home theater automatically switches off . 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	ALL 2	B
Asia Pacific, Taiwan, Korea	ALL 3	A
Latin America	ALL 4	A
Australia, New Zealand	ALL 4	B
Russia, India	ALL 5	C
China	ALL 6	C

Media formats

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

File formats

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

Audio formats

Your home theater supports the following audio files.

Extension	Container	Audio codec	Bit rate
.mp3	MP3	MP3	32 kbps ~ 320 kbps
.wma	ASF	WMA	64 kbps ~ 160 kbps
.aac	AAC	AAC, HE-AAC	192 kbps
.wav	WAV	PCM	1.4 Mbps
.m4a	MKV	AAC	192 kbps
.mka	MKA	PCM	27.648 Mbps
.mka	MKA	Dolby Digital	640 kbps
.mka	MKA	DTS core	1.54 Mbps
.mka	MKA	MPEG	912 kbps
.mka	MKA	MP3	32 kbps ~ 320 kbps
.mka	MKA	WMA	64 kbps ~ 160 kbps
.mka	MKA	AAC, HE-AAC	192 kbps

Video formats

If you have a high definition TV, your home 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

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	20 Mbps (peak 40 Mbps)
	MPEG 4 ASP	10 Mbps max
	H.264/AVC HP@4.1/4.0; MP@3.2/3.1/3.0	20 Mbps (peak 40 Mbps)

.divx files in AVI container

Audio codec	Video codec	Bit rate
PCM, Dolby Digital, MP3, WMA	DivX 3.11, DivX 4.x, DivX 5.x, DivX 6.x	10 Mbps max
	MPEG 1, MPEG 2	20 Mbps (peak 40 Mbps)
	MPEG 4 ASP	10 Mbps max

.mp4 or .m4v files in MP4 container

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

.mkv files in MKV container

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

Amplifier

- Total output power:
  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, 1080p24

Audio

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

Radio

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

USB

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

Main unit

- Power supply:
  - Europe/China/Russia/India:
    220-240 V~, 50 Hz
  - Latin America/Asia Pacific:
    110-240 V~, 50-60 Hz
- Power consumption: 60 W
- Standby power consumption: ≤ 0.5 W
- Dimensions (W x H x D):
  360 x 58 x 325 mm
- Weight: 2.4 kg

Subwoofer

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

Speakers

Center speaker:

- Output power: 50 W RMS (30% THD)
- Speaker impedance: 4 ohm
- Speaker drivers: 1 x 63.5 mm (2.5") woofer
- Dimensions (W x H x D):
  84.5 x 89 x 89 mm
- Weight: 0.27 kg

Front speaker:

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

Rear speaker:

- Output power: 2 x 50 W RMS (30% THD)
- Speaker impedance: 4 ohm
- Speaker drivers: 1 x 63.5 mm (2.5") woofer
- Dimensions (W x H x D):
  84.5 x 89 x 89 mm
- Weight: 0.27 kg/each

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.

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 23).

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. 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 24), 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 **SOUND SETTINGS**.
  2) Press the **Navigation buttons** (left/right) to select **AUD SYNC**, and then press **OK**.
  3) Press the **Navigation buttons** (up/down) to 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 26).
- Make sure that the home theater supports the region code of the disc (see 'Region codes' on page 26).
- If the disc is a DVD±RW or DVD±R disc, make sure that it is 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 subtitles do not display correctly.

- Make sure that the subtitle file name is the same as the movie file name (see 'Subtitles' on page 14).
- 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 the TV user manual on how to enable it.

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

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

Cannot access BD-Live features.

- Make sure that the home theater is connected a home network with internet

access (see 'Connect and set up a home network' on page 11).
- Make sure that the network is set up. Use a wired network installation (see 'Set up the wired 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 13).

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 'Play Blu-ray 3D disc' on page 13).

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.

Poor playback on YouTube Leanback or Picasa.
- Make sure that the home theater is connected to a home network and is properly set up (see 'Connect and set up a home network' on page 11).
- Make sure that the internet connection speed is higher than 2 MBPS to obtain optimum performance.

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10 Language code

Abkhazian	6566
Afar	6565
Afrikaans	6570
Amharic	6577
Arabic	6582
Armenian	7289
Assamese	6583
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Bahasa Melayu	7783
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Belarusian	6669
Bengali	6678
Bihari	6672
Bislama	6673
Bokmål, Norwegian	7866
Bosanski	6683
Brezhoneg	6682
Bulgarian	6671
Burmese	7789
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