www.philips.com/welcome

HTS5110



EN User manual



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1 Notice

Copyright



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About Progressive Scan

Consumers should note that not all high definition television sets are fully compatible with this product and may cause artifacts to be displayed in the picture. In case of 525 or 625 progressive scan picture problems, it is recommended that the user switch the connection to the 'standard definition' output. If there are questions regarding our TV set compatibility with this model 525p and 625p DVD player, please contact our customer service center.

Trademarks



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The USB-IF Logos are trademarks of Universal Serial Bus Implementers Forum, inc.



Windows Media and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.

2 Important

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.
- Disconnect the product from the power outlet before lightning storms.
- When you disconnect the power cord, always pull the plug, never the cable.

Risk of short circuit or fire!

 Before you connect the product to the power outlet, ensure that the power voltage matches the value printed on the back or bottom of the product. Never connect the product to the power outlet if the voltage is different.

Risk of injury or damage to the home theater!

- For wall-mountable products, use only the supplied wall mount bracket. Secure the wall mount to a wall that can support the combined weight of the product and the wall mount. Koninklijke Philips Electronics N.V. bears no responsibility for improper wall mounting that results in accident, injury or damage.
- For speakers with stands, use only the supplied stands. Secure the stands to the speakers tightly. Place the assembled stands on flat, level surfaces that can support the combined weight of the speaker and stand.

- Never place the product or any objects on power cords or on other electrical equipment.
- If the product is transported in temperatures below 5°C, unpack the product and wait until its temperature matches room temperature before connecting it to the power outlet.

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.

Product care

Only use microfiber cloth to clean the product.

Disposal of your old product and batteries



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.



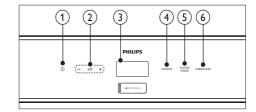
Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste.

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 theater

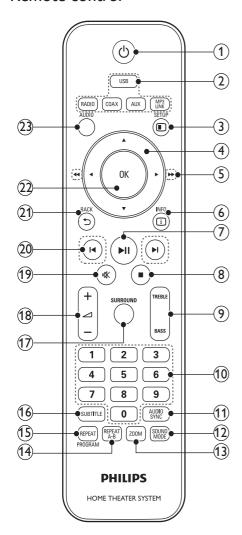
Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your home theater at www.philips.com/welcome.

Main unit



- 1 (Standby-On)
- 2 4/- (Volume)
 Increases or decreases volume.
- 3 Display panel
- SOURCE
 Selects an audio/video source for the home theater.
- (5) SOUND MODE Selects a sound mode.
- 6 SURROUND
 Switches to surround sound or stereo sound.

Remote control



1 (Standby-On)

- Switches 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) Audio Source

• USB: Switches to USB storage device.

- RADIO: Switches to FM radio.
- **COAX**: Switches to coaxial digital input or HDMI ARC source.
- AUX: Switches to auxiliary input source.
- MP3 LINK: Switches to MP3 Link input source.

(3) ESETUP

Accesses or exits the setup menu.

(4) **▲▼** (Navigation buttons)

- Navigate menus.
- In radio mode, press left or right to search a radio station; press up or down to fine tune a radio frequency.
- (5) ◀◀ (Fast Backward) ▶► (Fast Forward)
 Fast backwards or fast forwards. Press
 repeatedly to change the search speed.
- 6 INFO Displays information about what is playing.
- (7) ►II (Play/Pause) Starts, pauses or resumes playback.

(8) ■ (Stop)

- Stops playback.
- In radio mode, erases the current preset radio station.
- (9) TREBLE / BASS

 Changes treble or bass. Use with +/-.
- (10) Numeric buttons Selects an item to play.
- (1) AUDIO SYNC
 Synchronize audio with video. Use with +/-.
- (12) SOUND MODE
 Selects a predefined sound effect.
- 13) ZOOM

Zooms into a picture.

(14) REPEAT A-B

Marks two points within a track for repeat play, or turns off repeat mode.

- (15) REPEAT / PROGRAM
 - Selects a repeat or shuffle mode.
 - In radio mode, programs radio stations.
- (16) SUBTITLE



Note

• This button is not applicable for HTS5110.

(17) SURROUND

Selects Dolby Virtual Speaker surround sound

- 18 🖊 +/-
 - Increases or decreases volume.
- (19) **№** (Mute)

Mutes or restores volume.

(20) I ✓ / ►I(Previous/Next)

Skips to the previous or next track or file.

(21) **→** BACK

Returns to a previous menu screen.

22) OK

Confirms an entry or selection.

23) AUDIO

Selects an audio language or channel.

4 Connect your home theater

This section helps you connect your home theater to a TV and other devices. The basic connections of the home theater with its accessories are provided in the Quick Start. For a comprehensive interactive guide, see www.connectivityguide. philips.com.

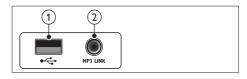


Note

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

Connectors

Front connectors



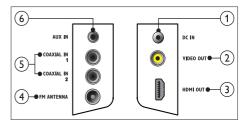
(1) •<→ (USB)

Audio or picture input from a USB storage device.

(2) MP3 LINK

Audio input from an MP3 player.

Back connectors



(1) DC IN

Connects to the AC-DC adapter. (Model: PHILIPS G721DA-270250)

(2) VIDEO OUT

Connects to the composite video input on the TV

(3) HDMI OUT

Connects to the HDMI input on the TV.

(4) FM ANTENNA

Connects the FM antenna for radio reception.

(5) COAXIAL IN

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

(6) AUX IN

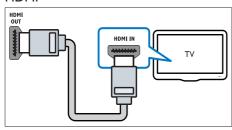
Connects to the analog audio output on the TV or an analog device.

Connect to the TV

Connect your home theater directly to a TV through one of the following connectors (from highest to basic quality video):

- (1) HDMI
- (2) Composite video

Option 1: Connect to the TV through HDMI





Note

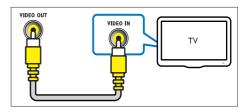
- If the HDTV has a DVI connector, connect using an HDMI/DVI adapter.
- If the TV supports EasyLink HDMI CEC, control the home theater and TV with one remote control (see 'Use Philips EasyLink' on page 11).

Option 2: Connect to the TV through composite video (CVBS)



Note

 The composite video cable or connector might be labeled AV IN, VIDEO IN, COMPOSITE or BASEBAND.



Connect audio from TV or other devices

Use your home theater to play audio from the TV or other devices such as a cable box. Choose from the following connectors.

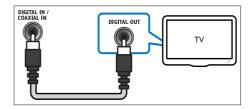
Option 1: Connect audio through a digital coaxial cable



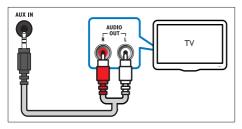
Note

 The digital coaxial cable or connector might be labeled COAXIAL DIGITAL OUT or SPDIF OUT.

(Cable not supplied)



Option 2: Connect audio through analog audio cables

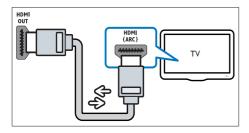


Option 3: Connect audio through an HDMI cable



Note

 The HDMI connector on the TV might be labeled HDMI 1 or HDMI ARC. This feature works with Audio Return Channel (ARC) compatible devices only.



5 Use your home theater

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

Before you start

Check that you:

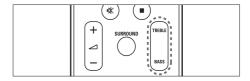
- Make the necessary connections and complete the setup as described in the Ouick Start.
- Switch the TV to the correct source for the home theater.

Choose your sound

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

Change treble or bass

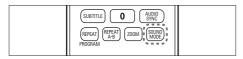
Change the high frequency (treble) or low frequency (bass) settings of the home theater to suit your video or music.



- 1 Press TREBLE or BASS.
- Press ∠ +/- within five seconds to increase or decrease treble or bass.

Change sound mode

Select predefined sound modes to suit your video or music.

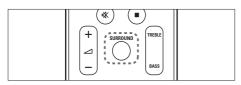


Press **SOUND MODE** repeatedly to cycle through the available sound modes.

Sound mode	Description
ROCK	Enhanced low and high-range. Ideal for action movies and rock or pop music.
JAZZ	Clear mid and high-range. Ideal for drama movies and jazz music.
CLASSIC	Neutral sound. Ideal for live concerts and classical music.
SPORTS	Moderate mid-range and surround effects for clear vocals and the atmosphere of a live sport venue.
NIGHT	Dynamically controlled sound mode suitable for watching movies at night or for non-intrusive background music.

Change virtual surround mode

DVS (Dolby Virtual Speaker) technology creates a highly compelling 5.1-channel listening experience from as few as two speakers.



During play, press **SURROUND** to switch on or off the surround sound effect.

Synchronize audio with video

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

- 1 Press AUDIO SYNC.
 - → The audio sync message appears on the display panel.
- 2 Press +/- within five seconds to sync the audio with your video.



Note

 This feature is applicable only if the audio/ video source is connected through the TV.

Play from a USB storage device

The home theater is fitted with a USB connector that allows you to view pictures or listen to music stored on a USB storage device.

- 1 Connect the USB storage device to the home theater.
- 2 Press USB.
 - → A content browser appears.
- Press the Navigation buttons to select a file, then press OK.
- **4** Use the following buttons to control play:

Button	Action
Navigation buttons	Navigate menus.
OK	Confirms an entry or selection.
►II	Starts, pauses or resumes play.
	Stops play.
I ◀ / ▶ I	Skips to the previous or next track, or file.
44 / >>	Fast backwards or fast forwards. Press repeatedly to change the search speed.
ZOOM	Zooms into a picture.

Use picture options

Access several useful features while viewing pictures.

Button	Action
▲/▼	Rotates the picture counter- clockwise or clockwise.
◀/▶	Skips to the previous or next picture.
REPEAT	Repeats a single file in the folder or repeats the entire folder. Shuffles files in a folder.
① INFO	Displays photo albums in a thumbnail overview.

Use audio options

Press the following button to access more features while audio is played.

Button	Action
REPEAT	Select or turn off repeat mode.



Note

- If the USB storage device does not fit into the connector, use a USB extension cable.
- The home theater does not support digital cameras that need a computer program to display photos.
- The USB storage device must be FAT or DOSformatted, and Mass Storage Class compliant.

More play features for USB

Several advanced features are available for picture playback from a USB storage device.

Play a musical slideshow

Play music and pictures simultaneously to create a musical slideshow. The files must be stored on the same USB storage device.

1 Select a music track, then press **OK**.

Press SACK and go to the picture folder.

3 Select a picture, then press OK to start slideshow.

Press ■ to stop slideshow.

Press ■ again to stop music.

Repeat play a specific section

Select sections of audio for repeat playback.

- 1 During playback, press **REPEAT A-B** to mark the start point.
- Press REPEAT A-B again to mark the end point.
 - → Repeat play starts.
 - → To cancel repeat A-B, press **REPEAT A-B** again.



Note

· Repeat play is only possible within a track.

Play from radio

- 1 Check that the FM antenna is connected.
- 2 Press RADIO.
 - "AUTO INSTALL...PRESS PLAY" appears on the display panel if you have not installed any radio stations. Press ▶■■.
- 3 Press the following buttons to control play:

Button	Action
I ⊲ / ▶I	Selects a preset radio station.
44 / >>	Searches for a radio station.
$\triangle \nabla$	Fine tunes a radio frequency.
	Press and hold to erase the preset radio station.
PROGRAM	Manual: Press once to access program mode, press I◀/▶I to assign a number to the radio station, then press again to store the radio station. Automatic: Press and hold for three seconds to reinstall radio stations.



Note

- The home theater can store up to 40 radio stations,
- Press to stop the installation.
- 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.
- For the best reception, place the antenna away from the TV or other sources of radiation.

Change tuning grid

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

- 1 Press RADIO.
- **2** Press ■.
- 3 Press and hold ►II until 'GRID 9' (50 kHz) or 'GRID 10' (100 kHz) is displayed.

Play from an MP3 player

Connect and play audio files from an MP3 player or other external audio devices.

- 1 Connect the MP3 player to the home theater.
- 2 Press MP3 LINK
 - → 'MP3 LINK' appears on the display panel.
- 3 Press the buttons on the MP3 player to select and play audio files.

Use Philips EasyLink

The home theater supports Philips EasyLink, which uses the HDMI CEC (Consumer Electronics Control) protocol. EasyLink-compliant devices that are connected through HDMI connectors can be controlled by a single remote control.



Note

- Philips does not guarantee 100% interoperability with all HDMI CEC devices.
- Switch on the HDMI CEC operations on the TV and other connected devices. See the manual of the TV or other devices for details.
- 2 Press SETUP.
 - Select [General Setup], then press OK.
- Select [EasyLink Setup], then press OK.
- **5** Select and adjust the following settings:
 - **[EasyLink]** : Enables or disables EasyLink.

- [One Touch Play]: Enables or disables
 One Touch Play.
 - If enabled, you can use the remote control to start USB play in the home theater and the TV switches automatically to the correct channel.
- [One Touch Standby]: Enables or disables One Touch Standby.
 If enabled, the home theater can be switched off to standby by a remote control from the TV or other connected HDMI CEC devices.
- [System Audio Control] : Enables or disables System audio control.
 If enabled, follow the instructions on the TV to map the connected devices correctly to the audio connectors of the home theater. The home theater switches automatically to the audio
- [Audio Input Mapping]: Updates audio input mapping if there are new devices connected.

source of the connected device.

6 Press OK to confirm your choice.



Note

• The connected devices must be connected through HDMI and switched on.

6 Change settings

This section helps you to change the settings of your home theater.



Caution

 Most of the settings are already configured with the best value for the home theater.
 Unless you have a specific reason to change a setting, it is best to leave it at the default value.

Access the setup menu

1 Press **ESETUP**.

→ The following menu appears.

Symbol	Description
❖	[General Setup]
•()	[Audio Setup]
0	[Video Setup]
<u> </u>	[Preference Setup]

- 2 Select a setup menu, then press OK. See the following sections for information about how to change the settings of your home theater.
- Press BACK to return to the previous menu, or press SETUP to exit.



Note

· You cannot change a setting that is grayed out.

Change general settings

1 Press SETUP.

Select [General Setup], then press OK.

Select and adjust the following settings:

- [EasyLink Setup]: Sets up EasyLink to enjoy easy controls of all the HDMI CEC compliant devices using a single remote control (see 'Use Philips EasyLink' on page 11).
- [Display Dim] : Changes the brightness of the display panel.
- **[OSD Language]** : Selects the onscreen display menu language.
- [Screen Saver]: Enables or disables screen saver mode. If enabled, the screen enters idle mode after 10 minutes of inactivity (for example, in pause or stop mode).
- [Sleep Timer]: Sets a sleep timer to switch the home theater to standby after a specific time.
- 4 Press **OK** to confirm your choice.

Change audio settings

1 Press **ESETUP**.

2 Select [Audio Setup], then press OK.

Select and adjust the following setting:

[HDMI Audio]: Enables or disables HDMI audio output for the TV.For settings related to HDMI, the TV must be connected through HDMI.

4 Press **OK** to confirm your choice.

Change video settings

- 1 Press **SETUP**.
 - Select [Video Setup], then press OK.
 - Select and adjust the following settings:
 - **[TV System]**: Selects a TV system that is compatible with the TV.
 - **[TV Display]**: Selects a picture display format to fit the TV screen.
 - [Picture Settings]: Selects a predefined color setting.
 - [HDMI Setup] : Selects HDMI video resolution and the wide screen display format for the TV. The Wide Screen Display option is only available for 16:9 wide screen TV display setting.
- 4 Press **OK** to confirm your choice.



Note

- The best setting is automatically selected for the TV. If you need to change the setting, ensure that the TV supports the new setting.
- Some video settings depend on the video source, ensure that the TV supports the setting or feature.
- For settings related to HDMI, the TV must be connected through HDMI.

Change preference settings

- 1 Press **ESETUP**.
- 2 Select [Preference Setup], then press OK.
 - Select and adjust the following settings:
 - [MP3/JPEG Display]: Displays the MP3/JPEG folders or all the files.
 - **[Version Info.]** : Displays the software version for the home theater.
 - [Default]: Resets the home theater to the default settings programmed at the factory.
- 4 Press **OK** to confirm your choice.

7 Update software

To check for new updates, compare the current software version of your home theater with the latest software version (if available) on the Philips web site.

Check software version

- 1 Press **ESETUP**.
- Select [Preference Setup] > [Version Info.], then press OK.
 - → The software version is displayed.

Update software from a USB storage device

- 1 Check for the latest software version on www.philips.com/support.
 - Search for your model and click on 'software&drivers'.
- 2 Download the software onto a USB storage device
- 3 Connect the USB storage device to the home theater.
- 4 Follow the instructions on the TV to confirm the update.
 - → When the update is complete, the home theater automatically switches to standby.
- 5 Disconnect the power cord for a few seconds and then reconnect it.



Caution

 Do not turn off the power or remove the USB storage device when the software update is in progress because you might damage the home theater.

8 Product specifications



• Specification and design are subject to change without notice.

Playback medium

USB storage device

File Format

Audio: .mp3, .wma

Picture: .jpg

Amplifier

Total output power: 300 W RMS

Frequency response: 20 Hz-20 kHz / ±3dB

 Signal-to-noise ratio: > 65 dB (CCIR) / (A-weighted)

Input sensitivity:

AUX: 2 V

MP3 LINK: 1 V

Video

Signal system: PAL / NTSC

 HDMI output 480p, 576p, 720p, 1080i, 1080p

Audio

S/PDIF Digital audio input:

Coaxial: IEC 60958-3

Sampling frequency:

MP3: 32 kHz, 44.1 kHz, 48 kHz

• WMA: 44.1 kHz, 48 kHz

Constant bit rate:

MP3: 112 kbps - 320 kbps

WMA: 48 kbps - 192 kbps

Radio

Tuning range: FM 87.5-108 MHz (50/100 kHz)

Signal-to-noise ratio: FM 50 dB

 Frequency response: FM 180 Hz ~ 10 kHz / +6dB

USB

Compatibility: Hi-Speed USB (2.0)

Class support: UMS (USB Mass Storage Class)

File system: FAT12, FAT16, FAT32

Maximum memory support: < 160GB

Main Unit

 Power supply: 27 Vdc; 2.5 A (External switching power adapter)

Power consumption: 35 W

• Standby power consumption: < 1 W

• Impedance: 8 ohm woofer, 8 ohm tweeter

Speaker drivers: 3" woofer, 1.5" tweeter

Frequency response: 150 Hz ~ 20 kHz

Dimensions (WxHxD): 790.6 x 100.3 x 50 (mm)

Weight: 1.5 kg

Switching power adapter (G721DA-270250)

Input: 100-240 Vac; 50-60 Hz; 1.35 A

Output: 27 Vdc; 2.5 A

Subwoofer

Power supply: 230 V; 50 Hz

Power consumption: 35 W

Standby power consumption: < 1 W

System: Bass Reflex System

• Impedance: 8 ohm

• Speaker driver: 6" woofer

Frequency response: 35 Hz ~ 200 Hz

Dimensions (WxHxD): 182 x 365 x 306 (mm)

Weight: 6 kg

Wall Mount

Dimensions (WxHxD): 440 x 60 x 23 (mm)

Weight: 0.54 kg

9 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, register your product and get support at www.philips.com/welcome.

If you contact Philips, you will be asked for the model and serial number of your product. The model number and serial number are on the back or bottom of your product. Write the numbers here:

Model No	 	 	
Serial No			

Main unit

The buttons on this home theater do not work.

 Disconnect the home theater from the power outlet for a few minutes, then reconnect.

Picture

No picture.

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

No picture on HDMI connection.

 Check if the HDMI cable is faulty. Replace with a new HDMI cable.

Sound

No sound from subwoofer

- In Standby, press and hold (Stop) on the remote control until [PAIRING] flashes on the main unit.
- Press and hold PAIR on the subwoofer until the blue and green indicators on the subwoofer flash alternately.
- 3 If the wireless connection succeeds, [PAIR OK] is displayed and the green indicator on the subwoofer lights up.

If the wireless connection fails, [PAIR FAIL] is displayed, and the blue and green indicators on the subwoofer remain lit.
 Check whether there is any interference from nearby electronic devices. Remove the conflict or strong interference, then repeat the above procedures.

No sound.

 Ensure that the audio cables are connected and select the correct input source (for example, AUX, USB) for the device you want to play.

No sound on HDMI connection.

- You might not hear any sound if the connected device is not HDCP (Highbandwidth Digital Content Protection) compliant or only DVI compatible. Use an analog or digital audio connection.
- Ensure that the [HDMI Audio] is enabled.

No sound from TV program.

 Connect an audio cable from the audio input on the home theater to the audio output on the TV. Then select the correct input source, for example, AUX or COAX.

Distorted sound or echo.

 Ensure that the TV volume is muted or set to minimum if you are playing audio through the home theater.

Audio and video are not synchronized.

• 1) Press AUDIO SYNC. 2) Press +/- within five seconds.

Play

The contents of a USB storage device cannot be read.

- Ensure that the format of the USB storage device is compatible with the home theater (see 'Product specifications' on page 14).
- Ensure that the USB storage device is formatted with a file system that is supported by the home theater (note that NTFS is not supported).

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

The operation is not possible.

EasyLink feature does not work.

 Ensure that the home theater is connected to a Philips brand EasyLink TV and that EasyLink is on.

I do not want my home theater to be switched on when I switch on my TV.

 This is the correct behavior for Philips EasyLink (HDMI-CEC). To make the home theater work independently, switch off EasyLink.

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