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CSS5530B



User manual

PHILIPS

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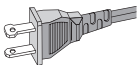
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1 Important

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

Important safety instructions

- **Read these instructions.**
- **Keep these instructions.**
- **Heed all warnings.**
- **Follow all instructions.**
- **Do not use this apparatus near water.**
- **Clean only with dry cloth.**
- **Do not block any ventilation openings.**
Install in accordance with the manufacturer's instructions.
- **Do not install near any heat sources** such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Do not defeat the safety purpose** of the polarized or grounding-type plug.

A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- **Protect the power cord** from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- **Only use attachments/accessories** specified by the manufacturer.
- **Use only with the cart,** stand, tripod, bracket or table specified by the manufacturer or sold with the apparatus. When a



cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

- **Unplug this apparatus** during lightning storm or when unused for long periods of time.
- **Refer all servicing** to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- **Battery usage CAUTION** - To prevent battery leakage which may result in bodily injury, property damage, or damage to the unit:
 - Install **all** batteries correctly, + and - as marked on the unit.
 - Do not mix batteries (**old and new** or **carbon and alkaline**, etc.).
 - Remove batteries when the unit is not used for a long time.
 - The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
 - Perchlorate Material - special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate.
- 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.
- **Apparatus shall not be exposed to dripping or splashing.**
- **Do not place any sources of danger on the apparatus** (for example, liquid filled objects, lighted candles).
- This apparatus may contain lead and mercury. Dispose according to local, State or Federal laws. For disposal or recycling information, please contact your local authorities. For additional assistance on recycling options, please contact www.mygreenelectronics.com or www.eiae.org or www.recycle.philips.com.
- Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Do not place this apparatus on the furniture that is capable of being tilted by a child and an adult leaning, pulling, standing or climbing on it. A falling apparatus can cause serious injury or even death.
- This apparatus should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided. Make sure to leave a space of 7.8 inches (20cm) or more around this apparatus.

Class II equipment symbol



This symbol indicates that the unit has a double insulation system.

Know these safety symbols



This 'bolt of lightning' indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.



The 'exclamation point' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Care for your product

Use only microfiber cloth to clean the product.

Care of the environment

Disposal of your old product and battery

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



This product may contain lead and mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or visit www.recycle.philips.com.

This product contains batteries:

- Dispose of batteries properly. Do not incinerate. Batteries may explode if overheated.
- Do not wrap in metal or aluminum foil. Wrap in newspaper before discarding.
- It is suggested that you contact your local town or city to determine proper battery redemption site(s) in your area.
- Please visit www.call2recycle.org for additional information on a recycling center in your area for rechargeable batteries.

Help and support

For extensive online support, visit www.philips.com/support to:

- download the user manual and the quick start guide
- watch video tutorials (available only for selected models)
- find answers to frequently answered questions (FAQs)
- email us a question
- chat with our support representative.

Follow the instructions on the website to select your language, and then enter your product model number.

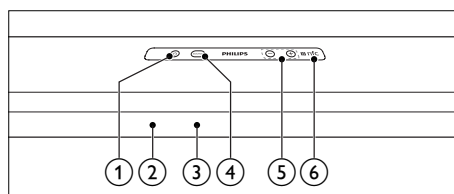
Alternatively, you can contact Consumer Care in your country. Before you contact, note down the model number and serial number of your product. You can find this information on the back or bottom of your product.

2 Your product

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

Main unit

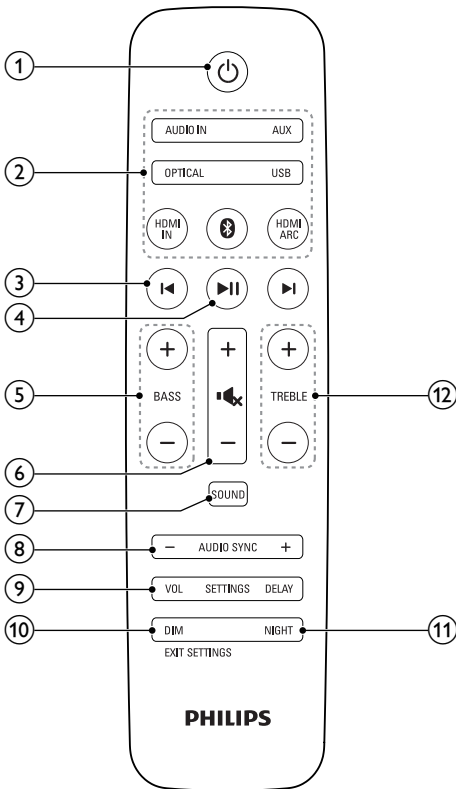
This section includes an overview of the main unit.



- ① Switch this product on or to standby.
- ② **Display panel**
- ③ **Standby indicator**
When this product is in standby, the standby indicator turns red.
- ④ **SOURCE**
Select an input source for this product.
- ⑤ **Volume +/-**
Increase or decrease volume.
- ⑥ **NFC tag**
Tap the NFC-enabled device on the tag for Bluetooth connection.

Remote control

This section includes an overview of the remote control.



1 ⏻ (Standby-On)

- Switch the main unit on or to standby.

2 Source buttons

AUDIO IN: Switch your audio source to the connection of an external device with 3.5mm jack (such as MP3).

AUX: Switch your audio source to the connection of an external device with red/white audio jacks.

OPTICAL: Switch your audio source to the optical connection.

USB: Switch your audio source to the USB connection.

HDMI IN: Switch your source to the HDMI IN connection.

ⓑ: Switch to Bluetooth mode; Press and hold three seconds to break the current Bluetooth connection.

HDMI ARC: Switch your source to HDMI ARC connection.

3 ⏮ / ⏭

Skip to the previous or next track in Bluetooth mode (only for AVRCP-supported Bluetooth devices).

4 ⏮ / ⏭

Start, pause or resume play in Bluetooth mode (only for AVRCP-supported Bluetooth devices).

5 BASS +/-

Increase or decrease bass.

6 Volume control

- +/-: Increase or decrease volume.
- 🔊: Mute or restore volume.

7 SOUND

Select a sound mode.

8 AUDIO SYNC +/-

Increase or decrease audio delay.

9 Speaker setup buttons

VOL: Enter volume setup mode for the speakers.

DELAY: Enter distance setup mode for the speakers.

10 DIM / EXIT SETTINGS

- Set the brightness of the display panel for this product.
- Exit speaker setup mode.

11 NIGHT

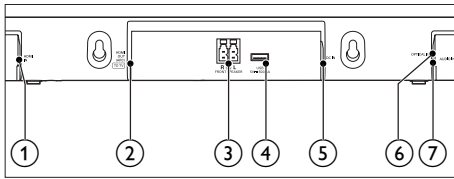
Turn night mode on or off.

12 TREBLE +/-

Increase or decrease treble.

Connectors

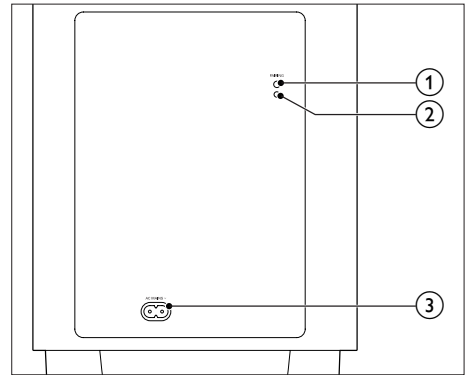
This section includes an overview of the connectors available on this product.



- ① **HDMI IN**
Connect to the HDMI output on a digital device.
- ② **TO TV - HDMI OUT (ARC)**
Connect to the HDMI (ARC) input on the TV.
- ③ **FRONT SPEAKER L/R**
Connect to the front speakers.
- ④ **USB**
 - Connect to a USB storage device for audio media play.
 - Upgrade software of this product.
- ⑤ **DC IN**
Connect to the power supply.
- ⑥ **OPTICAL IN**
Connect to an optical audio output on the TV or a digital device.
- ⑦ **AUDIO IN**
Audio input from an external device with 3.5 mm jack (such as MP3 player), or with red/white audio jacks.

Wireless subwoofer

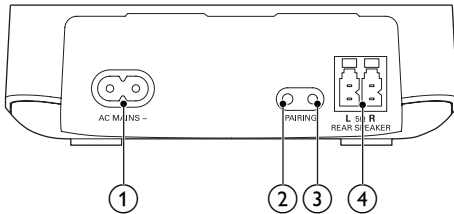
This product comes with a wireless subwoofer.



- ① **PAIRING (pairing)**
Press to enter the pairing mode for the subwoofer.
- ② **Subwoofer indicator**
 - When the power is turned on, the indicator lights up.
 - During wireless pairing between the subwoofer and the main unit, the indicator blinks white quickly.
 - When the pairing succeeds, the indicator lights up white.
 - When the pairing fails, the indicator blinks white slowly.
 - When wireless connection is disconnected for 1 minute, the indicator turns off.
- ③ **AC MAINS~**
Connect to the power supply.

Wireless box (receiver)

This product comes with a wireless box (receiver) to make the rear speakers work with the main unit wirelessly.



① AC MAINS

Connect to the power supply.

② PAIRING (pairing)

Press to enter the pairing mode for the rear speakers and the main unit.

③ Wireless indicator

- During wireless pairing between the rear speakers and the main unit, the indicator blinks quickly.
- When the pairing succeeds, the indicator lights up.
- When the pairing fails, the indicator blinks slowly.

④ Rear speaker connectors

Connect to the rear speakers.

3 Connect and set up

This section helps you connect this product to a TV and other devices, and then set it up.

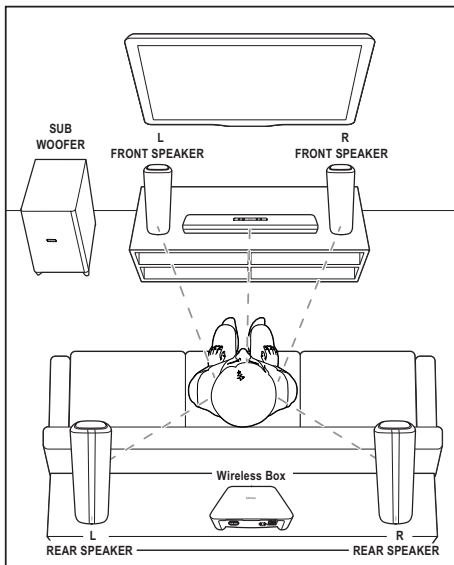
For information about the basic connections of this product and accessories, see the quick start guide.

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.

Place speakers

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.

- Seating position:**
This is the center of your listening area.
- Main unit** (function as center speaker):
Place the main unit directly in front of the seating position, either above or below your TV.
- FRONT SPEAKER L** (front left) and **FRONT SPEAKER R** (front right) speakers:
Place the left and right speakers in the front, and at equal distance from the main unit. Make sure that the left, right, and the main unit are at equal distance from your seating position.
- REAR SPEAKER L** (rear left) and **REAR SPEAKER R** (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.

- 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.
- Wireless box (receiver):**
Place the wireless box in between the rear speakers for easy cable connection.

Pair up with the rear speakers

Set up the rear speakers to work with the main unit wirelessly. The rear speakers automatically pair up with the main unit for wireless connection when you turn on the main unit, and the wireless box.

What you need

- Connect the rear speakers to the supplied wireless box (make sure that the left and right speakers match the connectors on the wireless box).
- Connect the wireless box to AC power to power on.

If no audio from the rear speakers can be heard, do the following for pairing.

- Press the **PAIRING** (PAIRING) button on the wireless box to enter the pairing mode.
→ The white LED on the wireless box blinks quickly.
- In **OPTICAL** mode (press **OPTICAL**), within six seconds, on the remote control, press **PAIRING** twice then **Volume +** once, and then hold down **BASS +**.
→ If the pairing succeeds, the white LED on the wireless box lights up.
→ If the pairing fails, the white LED on the wireless box blinks slowly.
- If the pairing fails, repeat the steps above.

Pair up with the subwoofer

The wireless subwoofer automatically pair up with the main unit for wireless connection when you turn on the main unit, and the subwoofer:

If no audio from the wireless subwoofer can be heard, do the following for pairing.

- 1 Turn on the main unit, and the subwoofer.
 - ↳ If the connection to the main unit is lost, the white LED on the subwoofer blinks slowly.
- 2 Press the **PAIRING** (PAIRING) button on the subwoofer to enter the pairing mode.
 - ↳ The white LED on the subwoofer blinks quickly.
- 3 In **OPTICAL** mode (press **OPTICAL**) , within six seconds, on the remote control, press **⏮** twice then **Volume +** once, and then hold down **BASS +**.
 - ↳ If the pairing succeeds, the white LED on the subwoofer lights up.
 - ↳ If the pairing fails, the white LED on the subwoofer blinks slowly.
- 4 If the pairing fails, repeat the steps above.

Connect audio from TV

Connect this product to a TV. You can listen to audio from TV programs through the speakers of this product.

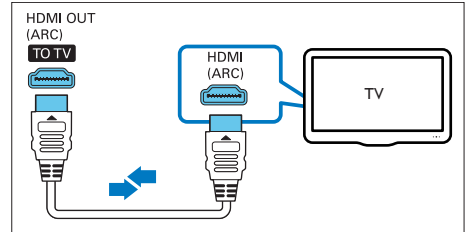
Option 1: Connect to TV through HDMI (ARC)

Best quality audio

This product supports HDMI with Audio Return Channel (ARC). With the ARC feature, you can hear the TV audio through this product by using a single HDMI cable.

What you need

- A High Speed HDMI Cable.
- Your TV supports both HDMI ARC and HDMI-CEC (see the TV user manual for details).
- For some TV models, enable the external speaker output from the TV setting menu (see the TV user manual for details).



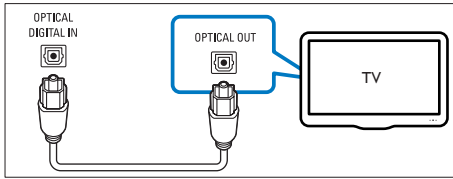
- 1 Using a High Speed HDMI cable, connect the **HDMI OUT (ARC)** connector on this product to the **HDMI ARC** connector on the TV.
 - The **HDMI ARC** connector on the TV might be labeled differently. For details, see the TV user manual.
- 2 On your TV, turn on HDMI-CEC operations.
 - For HDMI-CEC issues on your TV, see the TV user manual to make sure that the HDMI-CEC setup is correct, or contact the TV manufacturer if needed.
- 3 Press **HDMI ARC** on the remote control of this product to enable the HDMI ARC connection.

Note

- 100% interoperability with all HDMI-CEC devices is not guaranteed.
- If your TV is not HDMI ARC compliant, connect an audio cable to hear the TV audio through this product.

Option 2: Connect to TV through optical cable

Best quality audio



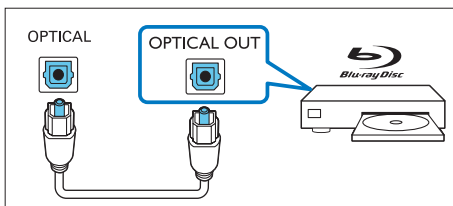
- 1 Using an optical cable, connect the **OPTICAL** connector on this product to the optical output on the TV.
 - The digital optical output on the TV might be labeled **OPTICAL OUT**, **SPDIF** or **SPDIF OUT**.
- 2 Press **OPTICAL** on the remote control of this product to enable the optical connection.

Connect audio from other devices

You may also play audio from other devices through the speakers of this product.

Option 1: Connect to other device through optical cable

Best quality audio



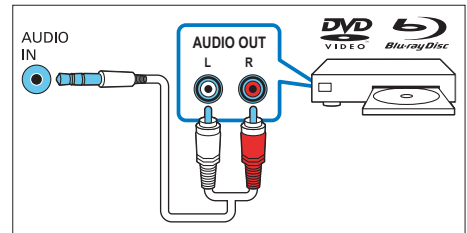
- 1 Using an optical cable, connect the **OPTICAL** connector on this product to the optical output on the external device.

- The digital optical output on the external device might be labeled **OPTICAL OUT**, **SPDIF** or **SPDIF OUT**.

- 2 Press **OPTICAL** on the remote control of this product to enable the optical connection.

Option 2: Connect audio through analog audio cables

Basic quality audio



- 1 Using an analog audio cable, connect the **AUDIO IN** connector (3.5mm jack) on this product to the analog audio output on the external device.
 - The analog audio output on the external device might be labeled **AUDIO OUT**.
- 2 Press **AUX** on the remote control of this product to enable the analog audio connection.

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.

Set up speaker distance

Wireless connection causes audio delay latency. Set up the speaker distance to synchronize audio output among the front speakers, rear speakers and subwoofer.

- 1 Press **DELAY** to enter setup mode.
 - ↳ The display panel scrolls **DELAY ADJ** (delay adjustment).
 - To exit setup mode, press **EXIT SETTINGS**, or 3 seconds of button inactivity occurs.
- 2 Press **DELAY** again to select a speaker for distance adjustment.
- 3 Press **Volume +/-** to adjust distance for the selected speaker.
 - To exit setup mode without save, press **EXIT SETTINGS**, or 3 seconds of button inactivity occurs.
- 4 Repeat step 2 and 3 to set up the distance for other speakers.
- 5 After the setup is complete, press **EXIT SETTINGS** to exit.
 - ↳ The value is saved and applied.

Set up speaker volume

Set up the speaker volume for optimal surround sound.

- 1 Press **VOL** to enter setup mode.
 - ↳ The display panel scrolls **SPKR VOL** (speaker volume).
 - To exit setup mode, press **EXIT SETTINGS**, or 3 seconds of button inactivity occurs.
- 2 Press **VOL** again to play test tone from the speakers.
- 3 Then press **VOL** to select a speaker for volume adjustment.
- 4 Press **Volume +/-** to adjust volume for the selected speaker.
 - To exit setup mode without save, press **EXIT SETTINGS**, or 3 seconds of button inactivity occurs.

- 5 Repeat step 3 and 4 to set up the volume for other speakers.
- 6 After the setup is complete, press **EXIT SETTINGS** to exit.
 - ↳ The value is saved and applied.



4 Use your product

This section helps you use this product to play audio from connected devices.

Before you start

- Make the necessary connections described in the quick start guide and the user manual.
- Switch this product to the correct source for other devices.

Adjust the volume

- 1 Press **Volume +/-** to increase or decrease a volume level.
 - To mute sound, press .
 - To restore the sound, press  again or press **Volume +/-**.

Choose your sound

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

Sound mode

Select predefined sound modes to suit your video or music.

- 1 Press **SOUND** to select a sound option from the display panel.
 - **AUTO**: Automatically select a sound setting based on the sound stream.
 - **M-CH**: Create multi-channel surround listening experience. Ideal for watching movie.
 - **PARTY**: Create enhanced stereo. Ideal for party music.
 - **STEREO**: Create two-channel stereo. Ideal for listening to music.

Equalizer

Change the high frequency (treble) and low frequency (bass) settings of this product.

- 1 Press **TREBLE +/-** or **BASS +/-** to change the frequency.

Synchronize video and sound

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

- 1 Press **AUDIO SYNC +/-** to synchronize the audio with the video.

Night mode

For quiet listening, night mode decreases the volume of loud sounds when audio is played. Night mode is only available for Dolby Digital soundtracks.

- 1 Press **NIGHT** to turn night mode on or off.
 - When night mode is turned on, **ON NIGHT** (night on) scrolls once on the display panel.
 - When night mode is turned off, **OFF NIGHT** (night off) scrolls once on the display panel.

MP3 player

Connect your MP3 player to play your audio files or music.

What you need

- An MP3 player.
- A 3.5mm stereo audio cable.

- 1 Using the 3.5mm stereo audio cable, connect the MP3 player to the **AUDIO IN** connector on this product.
- 2 Press **AUDIO IN**.

- 3 Press the buttons on the MP3 player to select and play audio files or music.
 - On the MP3 player, it is recommended to set the volume in the range of 80% maximum volume.

Play music via Bluetooth

Through Bluetooth, connect your product with a Bluetooth device (such as an iPad, iPhone, iPod touch, Android phone, or laptop), and then you can listen to the audio files stored on the device through the speakers of this product.

What you need

- A Bluetooth device which supports Bluetooth profile A2DP, and with Bluetooth version as 4.1.
- The operational range between the main unit and a Bluetooth device is approximately 10 meters (30 feet).

- 1 Press **⏻** on the remote control to switch this product to Bluetooth mode.
 - ↳ **BT** is displayed on the display panel, blinking.

- 2 On the Bluetooth device, switch on Bluetooth, search for and select **Philips CSS5530** to start connection (see the user manual of the Bluetooth device on how to enable Bluetooth).
 - For first time connection, on some mobile devices prompt for pair-up appears, select "YES" for connection.
 - ↳ During connection, **BT** on the display panel blinks.

- 3 Wait until this product beeps.
 - ↳ When the Bluetooth connection succeeds, **BT** is displayed on the display panel.
 - ↳ If the connection fails, **BT** on the display panel blinks continuously.

- 4 Select and play audio files or music on your Bluetooth device.
 - During play, if a call is coming, music play is paused.
 - If your Bluetooth device supports AVRCP profile, on the remote control you can press **⏮**/**⏭** to skip to a track, or press **⏸** to pause/resume play.
- 5 To exit Bluetooth, select other source.
 - When your switch back to Bluetooth mode, Bluetooth connection remains active.

Note

- The music streaming may be interrupted by obstacles between the device and this product, such as wall, metallic casing that covers the device, or other devices nearby that operate in the same frequency.
- If you want to connect this product with another Bluetooth device, press and hold **⏻** on the remote control to break the current Bluetooth connection.

Connect Bluetooth via NFC

NFC (Near Field Communication) is a technology that enables short-range wireless communication between NFC-enabled devices, such as mobile phones.

What you need

- A Bluetooth device with NFC function.
- For pairing, tap the NFC device on the **NFC** tag of this product.

- 1 Enable NFC on the Bluetooth device (see the device's user manual for details).
- 2 Tap the NFC device onto the **NFC** tag of this product until this product beeps.
 - For first time connection, on some mobile devices prompt for pair-up appears, select "YES" for connection.
 - ↳ When the Bluetooth connection succeeds, **BT** is displayed on the display panel.
 - ↳ If the connection fails, **BT** on the display panel blinks continuously.

- 3 Select and play audio files or music on your NFC device.
 - To break the connection, tap again the NFC device onto the **NFC** tag on this product.

USB storage devices

Enjoy audio on a USB storage device, such as an MP3 player and USB flash memory, etc.

What you need

- A USB storage device that is formatted for FAT or NTFS file systems, and complies with the Mass Storage Class.
- An MP3 file on a USB storage device.

- 1 Connect a USB storage device to this product.
- 2 Press **USB** on the remote control.
- 3 Use the remote control to control play.
 - Press **▶||** to start, pause or resume play.
 - Press **◀/▶** to skip to the previous or next track.
 - During USB play, press **USB** to toggle: repeat all tracks in one folder and repeat off.
 - When repeat mode is turned on, **ALL RPT** scrolls once on the display panel.
 - When repeat mode is turned off, **OFF RPT** scrolls once on the display panel.



Note

- If a USB storage device has a large media library, it takes some time to load those contents.
- This product may not be compatible with certain types of USB storage device.
- If you use a USB extension cable, USB HUB, or USB multi-reader, the USB storage device may not be recognized.
- Digital camera PTP and MTP protocols are not supported.
- Do not remove the USB storage device while it is being read.
- Support a USB port: 5V \pm 500mA.

Auto standby

When playing media from a connected device, this product automatically switches to standby after 15 minutes of button inactivity and no audio/video play from a connected device.

Apply factory settings

You can reset this product to the default settings programmed at the factory.

- 1 In AUX mode, on the remote control press **Volume -**, **BASS -**, and **TREBLE -** in sequence within three seconds.
 - ➔ When the factory settings restore is complete, the product automatically switches off and restarts.

5 Update software

To get the best features and support, update your product with the latest software.

Check software version

In HDMI ARC source, on the remote control press **TREBLE -**, **BASS -**, and **Volume -** in sequence within three seconds.

↳ The software version number is displayed on the display panel.

Update software via USB



Caution

- Do not turn off the power or remove the USB flash drive when the software update is in progress because you might damage this product.

- 1 Check the latest software version on www.philips.com/support.
 - Search for your model and click on "Software and drivers".
- 2 Download the software into a USB flash drive.
 - ① Unzip the download if zipped, and make sure that the unzipped file contains two files: "CSS5530.bin" and "RPT5530.bin".
 - ② Put the two files ("CSS5530.bin" and "RPT5530.bin") in the root directory of the USB flash drive.
- 3 Connect the USB flash drive to the **USB** connector on this product.
- 4 Switch this product to HDMI ARC source (press **HDMI ARC**).

- 5 On the remote control, within 6 seconds press **MUTE** twice then **Volume +** once, and then hold down **SOUND**.
 - ↳ Then "UPG" (upgrade) blinks on the display panel.
 - ↳ If a USB flash drive is not connected or invalid upgrade file is found, "ERROR" (error) is displayed on the display panel.
- 6 Press **MUTE** on the remote control to start the upgrade.
- 7 Wait until the upgrade is completed.
 - ↳ If the upgrade is complete, this product automatically turns off and on again.



Note

- The upgrade time may take around 3 minutes.

6 Wall mount

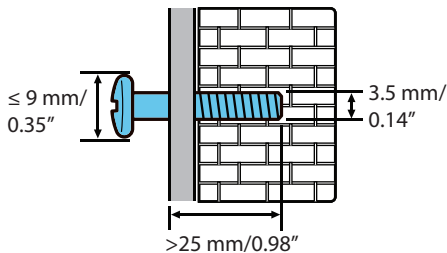
Before you mount this product on the wall, read all safety precautions.

Note

- Before wall mounting, make sure the wall can support the weight of this product.
- For wall mounting, this product must be securely attached to the wall in accordance with the installation instructions. Improper wall mounting may result in accident, injury or damage. If you have any query, contact Consumer Care in your country.

Screw length/diameter

Depending on the type of wall supporting this product, make sure that you use screws of a suitable length and diameter.



See the illustration in the quick start guide on how to wall mount this product.

Mount front and rear speakers

- 1) Mark two holes on the wall using a supplied wall bracket, then secure two suitable screws on the wall as indicated by two holes.
- 2) Fix a supplied wall bracket onto a speaker.
- 3) Hang the speaker on the screws which are secured on the wall.

7 Product specifications

Note

- Specifications and design are subject to change without notice.

Amplifier

- FTC total output power: 170W
 - Front/rear speakers: 56W (1%THD, 8ohm, 150Hz-20kHz)
 - Center speaker: 14W (1%THD, 8ohm, 150Hz-20kHz)
 - Subwoofer: 100W (1%THD, 3ohm, 45Hz-200Hz)
- Total output power: 420W RMS (+/- 0.5 dB, 10% THD)
- Frequency response: 20 Hz-20 kHz / ± 3 dB
- Signal-to-noise ratio: > 65 dB (CCIR) / (A-weighted)
- Input sensitivity:
 - AUX: 500 mV
 - AUDIO IN: 200 mV

Audio

- S/PDIF Digital audio input:
 - Optical: TOSLINK

USB

- Compatibility: Hi-Speed USB (2.0)
- Class support: USB Mass Storage Class (MSC)
- File system: FAT16, FAT32, NTFS
- Supports MP3 file format
- Sampling frequency:
 - MP3: 8 kHz, 11 kHz, 12 kHz, 16 kHz, 22 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz
- Constant bit rate:
 - MP3: 8 kbps-320 kbps

Bluetooth

- Bluetooth profiles: A2DP
- Bluetooth version: 4.1

Main unit

- Power supply:
 - Model (Philips branded AC power adapter): DYS602-210309W;
AS650-210-AA309
 - Input: 100-240 V~, 50/60 Hz 1.5 A
 - Output: 21V $\overline{=}$, 3.09A
- Standby power consumption: ≤ 0.5 W
- Dimensions (W x H x D):
580 x 51.5 x 98 mm
- Weight: 1.2 kg
- **Built-in speakers**
 - 2 x midrange
(90mm/3.5" x 34mm/1.3", 8 ohm)
 - 1 x tweeter (25.4mm/1", 8 ohm)

Front/rear speakers

- Speaker drivers:
 - 2 x midrange (63.5 mm/2.5", 10 ohm)
 - 1 x tweeter (25.4 mm/1", 8 ohm)
- Dimensions (W x H x D):
110 x 301 x 110 mm
- Weight: 1.3 kg/each
- Cable length: 5 m/each

Subwoofer

- Power supply: 110-127 V~, 50-60 Hz
- Power consumption: 60 W
- Standby power consumption: ≤ 0.5 W
- Impedance: 3 ohm
- Speaker drivers: 1 x 165 mm (6.5") woofer
- Dimensions (W x H x D):
228 x 406 x 265 mm
- Weight: 5.7 kg

Wireless box/receiver

- Power supply: 110-240 V~, 50-60 Hz
- Power consumption: 20 W
- Standby power consumption: ≤ 0.5 W
- Dimensions (W x H x D):
150 x 44.5 x 126 mm;
- Weight: 0.4 kg

Remote control batteries

- 1 x AAA-R03-1.5 V

Standby power management

- When the product remains inactive for 15 minutes, it automatically switches to standby or networked standby.
- The power consumption in standby or networked standby is less than 0.5W.
- To deactivate Bluetooth connection, press and hold the Bluetooth button on the remote control.
- To activate Bluetooth connection, enable Bluetooth connection on your Bluetooth device, or enable Bluetooth connection via the NFC tag (if available).

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 this product do not work.

- Disconnect this product from the power supply for a few minutes, then reconnect.

Sound

No sound from the speakers of this product.

- Connect the audio cable from this product to your TV or other devices. However, you do not need a separate audio connection when:
 - the product and TV are connected through **HDMI ARC** connection, or
 - a device is connected to the **HDMI IN** connector on this product.
- Reset this product to its factory settings.
- On the remote control, select the correct audio input.
- Make sure that this product is not muted.

No sound from the wireless subwoofer.

- Wirelessly connect the subwoofer to the main unit.

No sound from the rear speakers.

- Set up the rear speakers, and connect the rear speakers to the main unit wirelessly.

Distorted sound or echo.

- If you play audio from the TV through this product, make sure that the TV is muted.

Audio and video are not synchronized.

- Press **AUDIO SYNC +/-** to synchronize the audio with the video.

Bluetooth

A device cannot connect with this product.

- The device does not support the compatible profiles required for this product.
- You have not enabled the Bluetooth function of the device. See the user manual of the device on how to enable the function.
- The device is not correctly connected. Connect the device correctly.
- This product is already connected with another Bluetooth device. Disconnect the connected device, then try again.

Quality of audio play from a connected Bluetooth device is poor.

- The Bluetooth reception is poor. Move the device closer to this product, or remove any obstacle between the device and this product.

The connected Bluetooth device connects and disconnects constantly.

- The Bluetooth reception is poor. Move the device closer to this product, or remove any obstacle between the device and this product.
- Turn off Wi-Fi function on the Bluetooth device to avoid interference.
- For some Bluetooth, the Bluetooth connection can be deactivated automatically to save power. This does not indicate any malfunction of this product.

NFC

A device cannot connect with this product via NFC.

- Make sure that the device is supported by NFC.

- Make sure that NFC is enabled on the device (see the device's user manual for details).
- For pairing, tap the NFC device on the **NFC** tag of this product.

9 Notice

This section contains the legal and trademark notices.

Notice of compliance

The device complies with the FCC rules, Part 15. Operation is subject to the following two conditions:

- ① **This device may not cause harmful interference, and**
- ② **This device must accept any interference received, including interference that may cause undesired operation.**

FCC rules

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Relocate the receiving antenna.
- Increase the separation between equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Warning: Any changes or modifications made to this device that are not expressly approved by Gibson Innovations may void the user's authority to operate the equipment.

Model number: CSS5530B/37

Trade Name: Philips

Responsible Party: Gibson Innovations USA
Inc. 3070 Windward Plaza Suite F, Box 735,
Alpharetta, GA 30005

Canada:

CAN ICES-3(B)/NMB-3(B)

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following Two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.



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The N Mark is a trademark or registered trademark of NFC Forum, Inc. in the United States and in other countries.

PHILIPS LIMITED WARRANTY

ONE (1) YEAR

WARRANTY COVERAGE:

PHILIPS warranty obligation is limited to the terms set forth below.

WHO IS COVERED:

Philips warrants the product to the original purchaser or the person receiving the product as a gift against defects in materials and workmanship as based on the date of original purchase ("Warranty Period") from an Authorized Dealer. The original sales receipt showing the product name and the purchase date from an authorized retailer is considered such proof.

WHAT IS COVERED:

The Philips warranty covers new products if a defect in material or workmanship occurs and a valid claim is received by Philips within the Warranty Period. At its option, Philips will either (1) repair the product at no charge, using new or refurbished replacement parts, or (2) exchange the product with a product that is new or which has been manufactured from new, or serviceable used parts and is at least functionally equivalent or most comparable to the original product in Philips current inventory, or (3) refund the original purchase price of the product.

Philips warrants replacement products or parts provided under this warranty against defects in materials and workmanship from the date of the replacement or repair for ninety (90) days or for the remaining portion of the original product's warranty, whichever provides longer coverage for you. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes Philips' property. When a refund is given, your product becomes Philips' property.

Note: Any product sold and identified as refurbished or renewed carries a ninety (90) day limited warranty.

Replacement product can only be sent if all warranty requirements are met. Failure to follow all requirements can result in delay.

WHAT IS NOT COVERED - EXCLUSIONS AND LIMITATIONS:

This Limited Warranty applies only to the new products manufactured by or for Philips that can be identified by the trademark, trade name, or logo affixed to it. This Limited Warranty does not apply to any non-Philips hardware product or any software, even if packaged or sold with the product. Non-Philips manufacturers, suppliers, or publishers may provide a separate warranty for their own products packaged with the bundled product.

Philips is not liable for any damage to or loss of any programs, data, or other information stored on any media contained within the product, or any non-Philips product or part not covered by this warranty. Recovery or reinstallation of programs, data or other information is not covered under this Limited Warranty.

This warranty does not apply (a) to damage caused by accident, abuse, misuse, neglect, misapplication, or non-Philips product, (b) to damage caused by service performed by anyone other than Philips or Philips Authorized Service Location, (c) to a product or a part that has been modified without the written permission of

Philips, or (d) if any Philips serial number has been removed or defaced, or (e) product, accessories or consumables sold "AS IS" without warranty of any kind by including refurbished Philips product sold "AS IS" by some retailers.

This Limited Warranty does not cover:

- Shipping charges to return defective product to Philips.
- Labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna/signal source systems outside of the product.
- Product repair and/or part replacement because of improper installation or maintenance, connections to improper voltage supply, power line surge, lightning damage, retained images or screen markings resulting from viewing fixed stationary content for extended periods, product cosmetic appearance items due to normal wear and tear, unauthorized repair or other cause not within the control of Philips.
- Damage or claims for products not being available for use, or for lost data or lost software.
- Damage from mishandled shipments or transit accidents when returning product to Philips.
- A product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- A product used for commercial or institutional purposes (including but not limited to rental purposes).
- Product lost in shipment and no signature verification receipt can be provided.
- Failure to operate per Owner's Manual.

TO OBTAIN ASSISTANCE IN THE U.S.A., CANADA, PUERTO RICO, OR U.S. VIRGIN ISLANDS...

Contact Philips Customer Care Center at:
1-866-309-0845

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This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

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