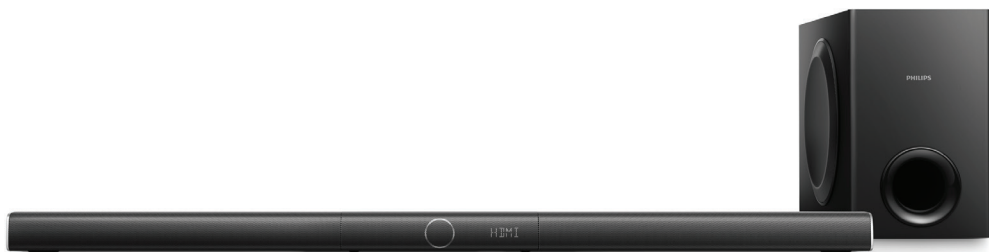


# Always there to help you

Register your product and get support at  
[www.philips.com/support](http://www.philips.com/support)



HTL5160B



# 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.

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## Safety

### Risk of electric shock or fire!

- Before you make or change any connections, make sure that all devices are disconnected from the power outlet.
- Never expose the product and accessories to rain or water. Never place liquid containers, such as vases, near the product. If liquids are spilt on or into the product, disconnect it from the power outlet immediately. Contact Consumer Care to have the product checked before use.
- Never place the product and accessories near naked flames or other heat sources, including direct sunlight.
- Never insert objects into the ventilation slots or other openings on the product.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Disconnect the product from the power outlet before lightning storms.
- When you disconnect the power cord, always pull the plug, never the cable.

### Risk of short circuit or fire!

- For identification and supply ratings, see the type plate at the back or bottom of the product.
- Before you connect the product to the power outlet, ensure that the power voltage matches the value printed on the

back or bottom of the product. Never connect the product to the power outlet if the voltage is different.

### Risk of injury or damage to this product!

- For wall mounting, this product must be securely attached to the wall in accordance with the installation instructions. Use only the supplied wall mount bracket (if available). Improper wall mounting may result in accident, injury or damage. If you have any query, contact Consumer Care in your country.
- 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.
- Parts of this product can be made of glass. Handle with care to avoid injury and damage.

### Risk of overheating!

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

### Risk of contamination!

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

### Risk of swallowing batteries!

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

battery can cause serious injury or death. Severe internal burns can occur within two hours of ingestion.

- If you suspect that a battery has been swallowed or placed inside any part of the body, seek immediate medical attention.
- When you change the batteries, always keep all new and used batteries out of reach of children. Ensure that the battery compartment is completely secure after you replace the battery.
- If the battery compartment cannot be completely secured, discontinue use of the product. Keep out of reach of children and contact the manufacturer.



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



Use only the power supplies listed in the user manual.

---

## 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 symbol on a product means that the product is covered by European Directive 2012/19/EU.



This symbol means that the product contains batteries covered by European Directive 2013/56/EU which cannot be disposed of with normal household waste.

Inform yourself about the local separate collection system for electrical and electronic products and batteries. Follow local rules and never dispose of the product and batteries with normal household waste. Correct disposal of old products and batteries helps prevent negative consequences for the environment and human health.

### Removing the disposable batteries

To remove the disposable batteries, see battery installation section.

---

## Compliance

This product complies with the radio interference requirements of the European Community.

Hereby, Gibson Innovations declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. You can find the Declaration of Conformity on [www.p4c.philips.com](http://www.p4c.philips.com).

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## Help and support

For extensive online support, visit [www.philips.com/support](http://www.philips.com/support):

- 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.

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## Open source software

This product contains software licensed under an open source license. For acknowledgements and license texts, please refer to your product's user manual on [www.philips.com/support](http://www.philips.com/support).

Gibson Innovations Limited hereby offers to deliver, upon request, a copy of the corresponding source code for the necessary open source software packages used in this product for which such offer is requested by the respective licenses. This offer is valid up to three years after product purchase. To obtain source code, please contact [open.source-gi@gibson.com](mailto:open.source-gi@gibson.com).

If you prefer not to use email or if you do not receive confirmation receipt within a week after mailing to this email address, please write to Open Source Team, Gibson Innovations Limited, 5/F Philips Electronics Building, 5 Science Park East Avenue, Hong Kong Science Park, Shatin, N.T. Hong Kong.

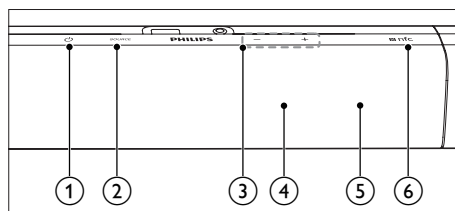
## 2 Your product

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](http://www.philips.com/welcome).

---

### Main unit

This section includes an overview of the main unit.



- 1**
  - Switch this product on.
  - Switch this product to ECO standby when this product is not connected to the network.
  - Switch this product to networked standby when this product is connected to the network.
- 2** **SOURCE**
  - Select an input source for this product.
  - For Spotify Premium users, quickly resume Spotify Connect play.
- 3** **Volume +/-**

Increase or decrease volume.
- 4** **Red/white/orange LEDs** **Red LED**
  - Lights up when this product is in ECO standby (not connected to the network).

## White LED

- Lights up when this product is connected to the network.
- Lights up when this product is in networked standby (connected to the network).
- Blinks when this product is connecting to the network.

## Orange LED

- Lights up when software update is detected.

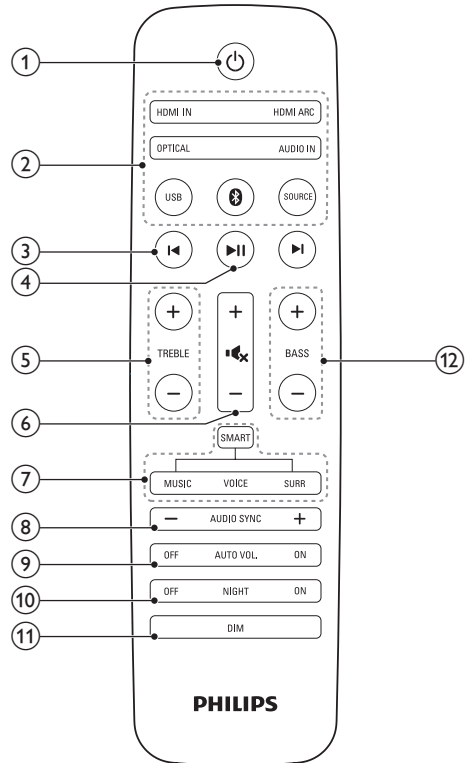
## ⑤ Display panel

## 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 this product on.
- Switch this product to ECO standby when this product is not connected to the network.
- Switch this product to networked standby when this product is connected to the network.

## ② Source buttons

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

**HDMI ARC:** Switch your source to HDMI ARC connection.


**OPTICAL:** Switch your audio source to the optical connection.

**AUDIO IN:** Switch your audio source to the MP3 connection (3.5mm jack).

**USB:** Switch to USB mode.

**ⓑ** : Switch to Bluetooth mode.

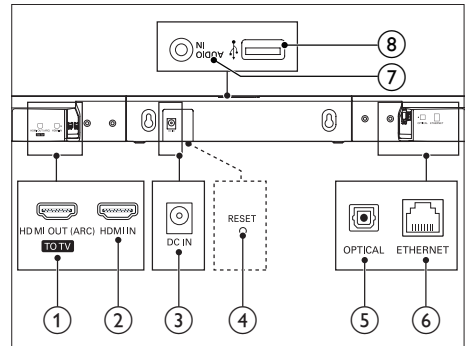
**SOURCE:** Select an input source for this product. Or for Spotify Premium users, quickly resume Spotify Connect play.

- ③ **◀ / ▶ (Previous/Next)**  
Skip to the previous or next track.
- ④ **▶ || (Play/Pause)**  
Start, pause or resume play.
- ⑤ **TREBLE +/-**  
Increase or decrease treble.
- ⑥ **Volume control**
  - +/-: Increase or decrease volume.
  - : Mute or restore volume.
- ⑦ **Sound mode control**

**SMART:** Automatically select a predefined sound mode to suit your video or music.  
**MUSIC:** Select stereo sound mode.  
**VOICE:** Select voice clarity sound mode.  
**SURR:** Select surround sound mode.
- ⑧ **AUDIO SYNC +/-**  
Increase or decrease audio delay.
- ⑨ **AUTO VOL ON/OFF**  
Turn auto volume on or off.
- ⑩ **NIGHT ON/OFF**  
Turn night mode on or off.
- ⑪ **DIM**  
Set the brightness of the display panel for this product.
- ⑫ **BASS +/-**  
Increase or decrease bass.

## Connectors

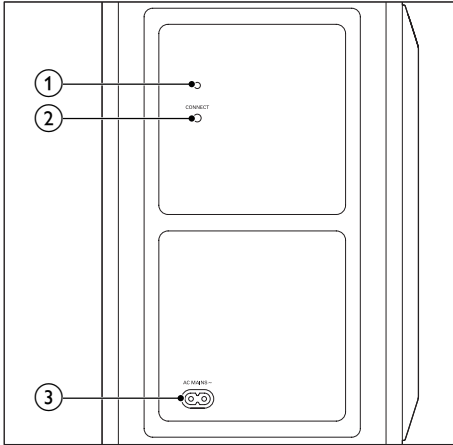
This section includes an overview of the connectors available on this product.



- ① **HDMI OUT (ARC) - TO TV**  
Connect to the HDMI (ARC) input on the TV.
- ② **HDMI IN**  
Connect to the HDMI output on a digital device.
- ③ **DC IN**  
Connect to the power supply.
- ④ **RESET**  
Press with a pin to reset this product to the factory settings.
- ⑤ **OPTICAL**  
Connect to an optical audio output on the TV or a digital device.
- ⑥ **ETHERNET**  
Connect to the ethernet port on a broadband modem or router.
- ⑦ **AUDIO IN**  
Audio input from, for example, an MP3 player (3.5mm jack).
- ⑧ **↔ (USB)**
  - Connect to a USB storage device for audio media play.
  - Upgrade software of this product.
  - Charge a USB device.

## Wireless subwoofer

This product comes with a wireless subwoofer:



### ① 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.

### ② CONNECT (connect)

Press to enter the pairing mode for the subwoofer.

### ③ AC MAINS~

Connect to the power supply.

## 3 Connect

This section helps you connect this product to a TV and other devices.

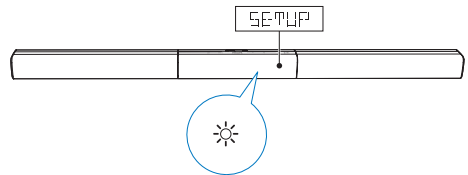
For information about the basic connections of this product and accessories, see the quick start guide.

### 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.

## Network setup prompt

When this product is turned on for the first time, or this product is not connected to the network, you are prompted to set up the network to stream music from the online music apps.



↳ **SETUP** (setup) is displayed on the display panel of this product.

↳ White LED on this product blinks.

- To initialize network setup, see "Chromecast built-in and Spotify Connect".
- To skip network setup, select other audio input source.

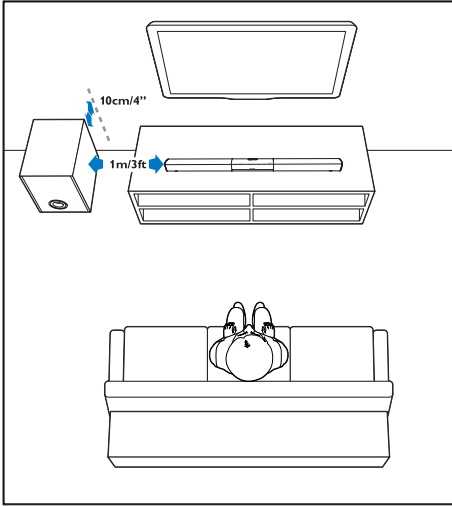


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## Placement

Place the subwoofer at least 1 meter (3 feet) away from the main unit, and 10 centimeters (4 inches) away from the wall.

For best results, place your subwoofer as shown below.



---

## Pair up with the subwoofer

The wireless subwoofer automatically pairs up with the main unit for wireless connection when you turn on the main unit and the subwoofer.

Manual pair-up with the main unit is required in one of the following cases.

- Audio from the main unit cannot be heard through the subwoofer.
- More than 1 set of **Philips HTLS160B** is used in close proximity (10m).

- 1 Turn on the main unit and the subwoofer.
  - ↳ If the connection to the main unit is lost, the indicator on the subwoofer blinks white slowly.

- 2 Press the **CONNECT** (connect) button on the subwoofer to enter the pairing mode.
  - ↳ The indicator on the subwoofer blinks white quickly.
- 3 In HDMI ARC mode (press **HDMI ARC**), on the remote control, within six seconds, press **⏮** twice then **Volume +** once, and then hold down **BASS +**.
  - ↳ If the pairing succeeds, the indicator on the subwoofer lights up white.
  - ↳ If the pairing fails, the indicator on the subwoofer blinks white slowly.
- 4 If the pairing fails, repeat the steps above.

### Note

- If the wireless dis-connection or pairing up lasts 1 minute, the subwoofer automatically switches to standby and the LED on the subwoofer turns off.

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## Connect audio from TV

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

---

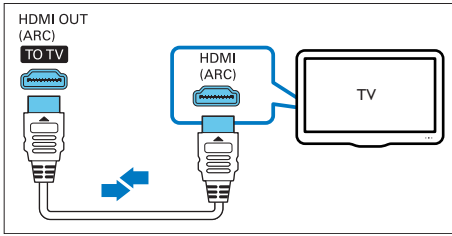
### Option 1: Connect to TV through HDMI (ARC)

#### 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).



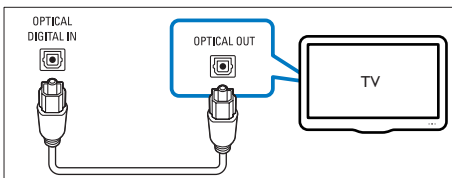
- Using a High Speed HDMI cable, connect the **HDMI OUT (ARC)** connector on this product to the **HDMI ARC** connector on the TV.
  - The **HDMI ARC** connector on the TV might be labeled differently. For details, see the TV user manual.
- On your TV, turn on HDMI-CEC operations.
  - For HDMI-CEC issues 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.
- 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

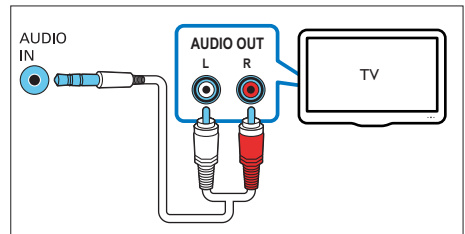
Best quality audio



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

## Option 3: Connect to TV through analog audio cables

Basic quality audio



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

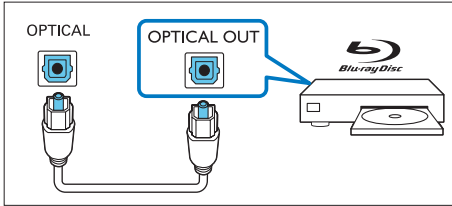
## Connect audio from other devices

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

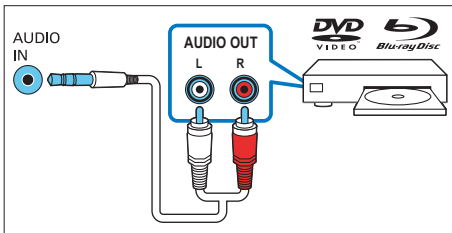


- 1 Using an optical cable, connect the **OPTICAL** connector on this product to the optical output on the external device.
  - The digital optical output on the external device might be labeled **OPTICAL OUT**, **SPDIF** or **SPDIF OUT**.
- 2 Press **OPTICAL** on the remote control of this product to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

---

## Option 2: Connect to other device through analog audio cables

Basic quality audio



- 1 Using an analog cable, connect the **AUDIO IN** (3.5mm jack) on this product to the analog audio output (red and white) on the external device.
  - The analog audio output on the external device might be labeled **AUDIO OUT**.

- 2 Press **AUDIO IN** on the remote control of this product to enable the analog audio connection.

---

## Connect digital devices through HDMI

Connect a digital device such as a set-top box, DVD/Blu-ray player, or games console to this product through a single HDMI connection.

When you connect the devices in this way and play a file or game, the

- video is automatically displayed on your TV, and
- audio is automatically played on this product.

- 1 Using a High Speed HDMI cable, connect the **HDMI OUT** connector on your digital device to the **HDMI IN** on this product.
- 2 Using a High Speed HDMI cable, connect the **HDMI OUT (ARC) - TO TV** connector on this product to the **HDMI** connector on the TV.
  - On your TV and the connected device, turn on HDMI-CEC controls (if available). For details, see the user manual of the TV and the device.
- 3 Press **HDMI IN** on the remote control of this product to enable the HDMI IN connection.
  - If the TV is not HDMI-CEC compliant, select the correct video input on your TV.

# 4 Chromecast built-in and Spotify Connect

Through the speakers of this product, you can listen to music from the following online music services.

- Chromecast-enabled apps
- Spotify Connect

## What you need

- Smartphone/tablet with Android 4.3 or above; iPhone/iPad with iOS 8.0 or above.
- Download Philips "HCWeSet" application from Google Play or iOS App Store.
- A network router.
- A network cable (for wired connection).

---

## Connect this product to network

To use Chromecast built-in and Spotify Connect services, you need to setup the network to connect this product to the network.

### Before you start

- Make sure that this product and your mobile device share the same network.
- For wired network, connect a network cable to the **LAN** connector on this product to the network router.
- For wireless network, this product has built-in Wi-Fi.

- 1 Launch Philips "HCWeSet" app on your mobile device.
- 2 Follow the on-screen App instructions to complete the setup.
  - At the initial setup page, select "Setup New Speaker" to initialize the setup.
  - **For iOS users:** When prompted, go to the Wi-Fi list of the iOS device to

select this product, then return to the App to continue the network setup.

- When this product is connecting to the network, white LED on this product blinks.
- When this product is connected to the network, white LED on this product lights up.



### Note

- During network setup, accept the Google service and privacy agreement to enable Chromecast-enabled apps.
- During network setup, if the network connection fails, follow the on-screen instructions to retry.

---

## Stream music to this product

After the successful network setup, you can stream music from online Chromecast built-in and Spotify Connect services to this product.


- 1 Launch Philips "HCWeSet" app on your mobile device.
- 2 Go to the App home page.
  - ↳ On the home page, Chromecast enabled apps and Spotify app is displayed.
- 3 Tap a music service icon, and play music.
  - If a music app is already installed on your mobile device, the app is launched.
  - If a music app is not installed on your mobile device, you are routed to Google Play or iOS App Store to install the app.
  - To learn how to use Chromecast built-in and Spotify Connect, see "Navigate the App home menu".
  - ↳ The music which is played on your mobile device is streamed to this product.

## Note

- After network setup, you may also directly launch Chromecast enabled apps (such as Google Play Music, TuneIn Radio, etc.) or Spotify app to stream music to this product.
- To use Spotify Connect, a Spotify Premium user is required.
- When software update is detected, the orange LED on this product lights up.

---

## Navigate the App home menu

- 1 Launch Philips "HCWeSet" app on your mobile device.
- 2 Go to the App home page.
- 3 Tap  to access the menu options for the following features.
  - Through "My Speakers" option, update the software of this product, and reset the factory default settings of this product, etc.
  - Learn how to use Chromecast built-in.
  - Learn how to use Spotify Connect.
  - Access legal information and notice.
  - Access customer support.

# 5 Use your product



This section helps you use this product to play media from a wide range of sources.

### Before you start

- Make the necessary connections described in the quick start guide or download the user manual from [www.philips.com/support](http://www.philips.com/support).
- 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.

- Press **SURR** to create a surround listening experience. Ideal for watching movie.
- Press **MUSIC** to create two-channel or multi-channel stereo. Ideal for listening to music.
- Press **VOICE** to create sound effect which makes human voice more clear and outstanding for listening.
- Press **SMART** to automatically select a predefined sound mode (**SURR**, **MUSIC** or **VOICE**) based on input audio content to optimize audio performance.

---

## 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.
  - **AUDIO SYNC +** increases the sound delay, and **AUDIO SYNC -** decreases the sound delay.

---

## Auto volume

Turn the auto volume on to keep the volume constant when you switch to a different source or to a TV channel with a different content volume level.

- 1 Press **AUTO VOL ON/OFF** to turn auto volume on or off.

---

## 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 ON/OFF** to turn night mode on or off.



### Note

- If auto volume is set to turned on, you cannot enable the night mode.

---

## Play audio through Bluetooth

Through Bluetooth, connect this product with your 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 profiles: A2DP, AVRCP
  - Bluetooth version: Bluetooth V4.1 with Bluetooth Low Energy
- The maximum 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 HTL5160** to start connection (see the user manual of the Bluetooth device on how to enable Bluetooth).
  - ↳ 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. Play resumes when the call ends (this feature is dependent on the connected mobile phone).
  - 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 **9** on the remote control to disconnect the currently connected Bluetooth device.

## 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.

## 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** on the remote control.
- 3 Press the buttons on the MP3 player to select and play audio files or music.

## 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.

- 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 and hold **USB** to enter repeat mode, then press **USB** to select one of the following play modes.
    - **RPT-TRACK**: repeat the current track.
    - **RPT-ALL**: repeat all the tracks in one folder.
    - **RPT-RAND**: play randomly in one folder.
    - **RPT-OFF**: exit repeat or shuffle play mode.

## Note

- 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.
- DRM-protected music files (MP3) are not supported.
- Support a USB port: 5V  $\overline{GND}$ , 1A.

## Auto standby

### Networked standby

When this product is connected to the network, this product automatically switches to networked standby after 15 minutes of inactivity. Networked standby shortens the startup time from standby, optimized for streaming music from mobile apps.

### ECO standby

When this product is not connected to the network, this product automatically switches to ECO standby after 15 minutes of inactivity. ECO standby lengthens startup from standby, and less power is consumed.

## Note

- If this product is in ECO standby, the red LED lights up.
- If this product is in networked standby, the white LED lights up and the red LED turns off.

## Set display brightness

You can press **DIM** repeatedly to select a different brightness level of the display panel on this product.

If you select **AUTO OFF**, LED message is switched off after 10 seconds of button inactivity.

## Apply factory settings

In case of no response from this product or network setup issue, you may reset this product to the default settings programmed at the factory.

## Note

- When the factory settings restore is complete, the product automatically switches off and restarts.

### Option 1:

- 1 Launch Philips "HCWeSet" app on your mobile device.
  - Make sure that you connect this product to the network.
- 2 Go to the App home page.
- 3 Tap  $\equiv$  to access the menu options.
- 4 Select "My Speakers".  
↳ The connected devices are listed.
- 5 Then select "Factory Reset", and follow the on-screen instructions to finish.

### Option 2:

- 1 On the bottom of this product, press **RESET** with a pin to reset this product.

### Option 3:

- 1 In HDMI ARC mode (press **HDMI ARC**), press **⏻** twice then **Volume -** once, and then hold down **BASS -**.




# 6 Update software

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

---

## Check software version


- 1 Launch Philips "HCWeSet" app on your mobile device.
  - Make sure that you connect this product to the network.
- 2 Go to the App home page.
- 3 Tap  to access the menu options.
- 4 Select "My Speakers".
  - ↳ The connected devices are listed.
- 5 Then select "About".
  - ↳ The software version number together with other product information is displayed.

### Note

- With this product connected to the network, when software update is detected, the orange LED on this product lights up.
- The upgrade time may take around 3 minutes.

---

## Update software via Internet



- 1 Launch Philips "HCWeSet" app on your mobile device.
  - Make sure that you connect this product to the network.
- 2 Go to the App home page.
- 3 Tap  to access the menu options.
- 4 Select "My Speakers".
  - ↳ The connected devices are listed.
- 5 Select the name of this product, then select "Software Update" > "Network".

- 6 Follow the on-screen instructions to complete the update.
  - ↳ During upgrade, "UPG" (upgrade) is displayed on the display panel.
  - ↳ If the update is complete, this product automatically turns off and on again.
  - ↳ If the update fails, "FAIL" (fail) is displayed on the display panel.

---

## Update software via USB

### What you need

- A USB storage device that is formatted with FAT16, FAT32 or NTFS.
- 1 Check the latest software version on [www.philips.com/support](http://www.philips.com/support).
    - Search for your model and click on "Software and drivers".
  - 2 Download the software into a USB storage device.
    - ① **Unzip the downloaded file, and make sure that the unzipped folder is named "UPG".**
    - ② **Put the "UPG" file in the root directory.**
  - 3 Connect the USB storage device to the  (USB) connector on this product.
  - 4 Launch Philips "HCWeSet" app on your mobile device.
    - Make sure that you connect this product to the network.
  - 5 Go to the App home page.
  - 6 Tap  to access the menu options.
  - 7 Select "My Speakers".
    - ↳ The connected devices are listed.
  - 8 Select the name of this product, then select "Software Update" > "USB".
  - 9 Follow the on-screen instructions to complete the update.
    - ↳ During upgrade, "UPG" (upgrade) is displayed on the display panel.

- ↳ If the update is complete, this product automatically turns off and on again.
- ↳ If the update fails, "FAIL" (fail) is displayed on the display panel.



### Caution

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

## 7 Wall mount

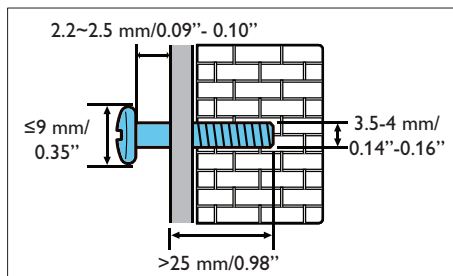


### Note

- 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 mounting 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.

- 1) Use the supplied paper marker to mark two holes on the wall, then secure two suitable screws in the holes.
- 2) Fix the two supplied wall brackets on this product.
- 3) Hang this product on the wall.

# 8 Product specifications

## Note

- Specifications and design are subject to change without notice.

## Amplifier

- Total output power: 320W 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:
  - AUDIO IN: 1 V

## 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

## File formats

- .aac, .mka, .mp3, .wav, .m4a, .flac, .ogg, .ape, .dsf, .dff

## WLAN

- Frequency band/Output power:
  - 2412 – 2472 MHz (Europe) /  $\leq 20$  dBm
  - 2412 – 2462 MHz (US and Asia) /  $\leq 20$  dBm
  - 5180 – 5240 MHz (worldwide) /  $\leq 14$  dBm
  - 5745 – 5825 MHz (US and Asia) /  $\leq 14$  dBm

- In Europe, 5150MHz-5350MHz is restricted to indoor use only.
- Support wireless standards: IEEE802.11 a/b/g/n
- Supported channels:
  - **2.4GHz:** 1 to 13 (Europe) or 1 to 11 (US and Asia)
  - **5.X GHz:** 36, 40, 44, 48 (worldwide) and 149, 153, 157, 161, 165 (US and Asia)

## Bluetooth

- Bluetooth profiles: A2DP, AVRCP
- Bluetooth version: Bluetooth V4.1 with Bluetooth Low Energy
- Frequency band/Output power: 2400 - 2483.5 MHz /  $\leq 20$  dBm
- NFC frequency: 13.56 MHz

## Wireless speaker link

- Frequency band: 5730 - 5845 MHz
- Output power:  $\leq 14$  dBm

## Main unit

- Power supply:
  - Model (Philips branded AC power adapter): TNUA3202003
  - Input: 100-240 V~, 50/60 Hz 1.65 A
  - Output: 32 V  $\overline{\text{---}}$ , 2.0 A
- Standby power consumption
  - ECO standby:  $\leq 0.5$  W
  - Networked standby:  $< 6$  W
- Dimensions (W x H x D): 1100 x 51 x 69 mm
- Weight: 2.2 kg
- **Built-in speakers:**
  - Left/Right channel: 4 x woofer (90mm/3.5" x 34mm/1.3", 6 ohm) + 2 x tweeter (25.4mm/1", 4 ohm)
  - Center channel: 1 x woofer (90mm/3.5" x 34mm/1.3", 3 ohm) + 1 x tweeter (25.4mm/1", 4 ohm)

- Operating temperature and humidity: 0°C to 45°C, 5% to 90% humidity for all climates
- Storage temperature and humidity: -40°C to 70°C, 5% to 95%

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## Subwoofer

- Power supply: 220-240 V~, 50-60 Hz
- Power consumption: 30 W
- Standby power consumption: ≤ 0.5 W
- Impedance: 2 ohm
- Speaker driver: 1 × 203 mm (8") woofer
- Dimensions (W × H × D): 205 × 316 × 401 mm
- Weight: 7.0 kg

---

## Remote control batteries

- 2 × AAA-R03-1.5 V

---

## Standby power management

- When the product remains inactive for 15 minutes, it automatically switches to standby or networked standby.
- 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).

# 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, get support at [www.philips.com/support](http://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.
- Make sure that you connect the audio input on this product to the audio output on your TV or other devices.
- Reset this product to its factory settings.
- On the remote control, select the correct audio input.
- Make sure that this product is not muted.

**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.

**Error message is displayed on the display panel.**

- When "ERROR" is displayed, it indicates that an input audio format is not supported.

- When "ARC" blinks, it indicates that the connected TV is not HDMI ARC compliant or an unsupported audio format is detected.

---

## 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.

---

## Internet services

### **Cannot stream music from Chromecast built-in or Spotify Connect services to this product.**

- This product is not connected to the network, and perform the first time setup if the setup is not completed.

### **Cannot connect this product to the network.**

- Make sure that the wireless network is not disturbed by microwave ovens, DECT phones, or other neighboring Wi-Fi devices.
- Place the wireless router and this product within five meters of each other.
- Make sure that this product and your mobile device share the same network.
- Reset this product to its factory settings.



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## 1. U-boot

```
#
# (C) Copyright 2000 - 2009
# Wolfgang Denk, DENX Software Engineering, wd@denx.de.
#
# See file CREDITS for list of people who contributed to this
# project.
#
# This program is free software; you can redistribute it and/or
# modify it under the terms of the GNU General Public License as
# published by the Free Software Foundation; either version 2 of
# the License, or (at your option) any later version.
#
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied
# warranty of MERCHANTABILITY or FITNESS FOR A
# PARTICULAR PURPOSE. See the GNU General Public License for
# more details.
#
# You should have received a copy of the GNU General Public
# License along with this program; if not, write to the Free Software
# Foundation, Inc., 59 Temple Place, Suite 330, Boston,
# MA 02111-1307 USA
#
A copy of the GPL is included below at item 2.
```

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Linus Torvalds

-----  
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Version 2, June 1991

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<one line to give the program's name and a brief idea of what it does.>

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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for
details type `show w'.
```

```
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```

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Ty Coon, President of Vice

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**3. Sysvinit 2.88dsf, module-init-tools 3.12, util-linux-ng 2.18, procps (ps, top) 3.2.8, psmisc 22.13, coreutils 6.9, gawk 3.1.5, grep 2.5.1a, findutils 4.2.31, bash 3.2.51, tar 1.17, sed 4.1.5, gzip 1.3.12, inetutils 1.4.2, UBIFS, mtd-utils, glibc, gcc, gconv 1.0.0, dhcpcv6 dibbler, gdb 6.6, iproute2 2.6.38, ntpdate 4.2.6, tcpdump 4.3.0, e2fsprogs 1.41.14, freetype, cpio, goahead, iputils, mongoose, nettools, udhcp, wifi-tools**

All OSS modules mentioned in the section heading above are subject to the GPL, a copy of which is included in item 2.

## 4. Libnl, nopoll, nss-mdns, xz

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See <http://www.zlib.net/>, and in particular [http://www.zlib.net/zlib\\_license.html](http://www.zlib.net/zlib_license.html).

```
/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.3, July 18th, 2005
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```

Jean-loup Gailly [jloup@gzip.org](mailto:jloup@gzip.org)  
Mark Adler [madler@alumni.caltech.edu](mailto:madler@alumni.caltech.edu)  
\*/

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```
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## 21. Mongoose

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## 22. wpa\_supplicant and hostapd

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This package may include either wpa\_supplicant, hostapd, or both. See README file respective subdirectories (wpa\_supplicant/README or hostapd/README) for more details.

Source code files were moved around in v0.6.x releases and compared to earlier releases, the programs are now built by first going to a subdirectory (wpa\_supplicant or hostapd) and creating build configuration (.config) and running 'make' there (for Linux/BSD/cygwin builds).

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## 24.xerces-c

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