

Wireless Music Station

WAS 5



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while with your product.
(and Model / Serial number)



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(et model / serial nombre)



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y tenga a mano el producto.
(y número de model / serial)



PHILIPS

Return your Product Registration Card today to get the very most from your purchase.

Registering your model with PHILIPS makes you eligible for all of the valuable benefits listed below, so don't miss out. Complete and return your Product Registration Card at once to ensure:

*Proof of Purchase

Returning the enclosed card guarantees that your date of purchase will be on file, so no additional paperwork will be required from you to obtain warranty service.

*Product Safety Notification


By registering your product, you'll receive notification - directly from the manufacturer - in the rare case of a product recall or safety defect.


*Additional Benefits of Product Ownership

Registering your product guarantees that you'll receive all of the privileges to which you're entitled, including special money-saving offers.

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.

For Customer Use

Enter below the Serial No. which is located on the rear of the cabinet. Retain this information for future reference.

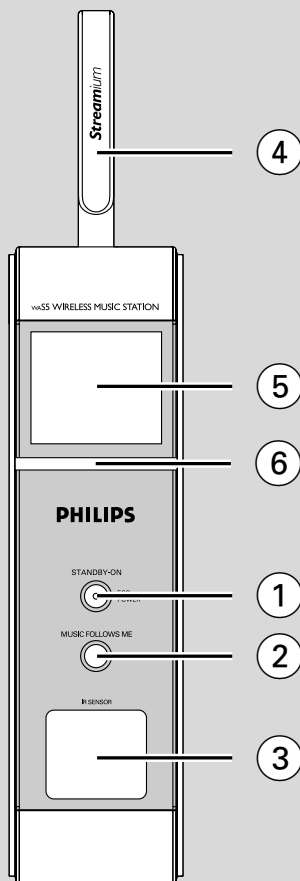
Model No. _____

Serial No. _____

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.

Wireless Music Station WAS5



IMPORTANT SAFETY INSTRUCTIONS

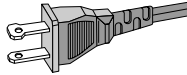
1. **Read these instructions.**
2. **Keep these instructions.**
3. **Heed all warnings.**
4. **Follow all instructions.**
5. **Do not use this apparatus near water.**
6. **Clean only with a piece of dry cloth.**
7. **Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.**
8. **Do not install near any heat sources**

such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. **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.



AC Polarized Plug

10. **Protect the power cord** from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. **Only use attachments/accessories** specified by the manufacturer.

12.  **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.

13. **Unplug this apparatus** during lightning storms or when unused for long periods of time.

14. **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.

15. **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.

16. **Apparatus shall not be exposed to dripping or splashing.**
17. **Do not place any sources of danger on the apparatus** (e.g. liquid filled objects, lighted candles).
18. This product may contain lead and mercury. Disposal of these materials may be regulated due to environment considerations. **For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org.**

EL 6475-S004: 03/12

Class II equipment symbol 
This symbol indicates that the unit has a double insulation system



PHILIPS

Nous vous félicitons de votre achat et vous souhaitons la bienvenue dans la « famille »!

Cher propriétaire d'un produit PHILIPS :

Merci de votre confiance en PHILIPS. Vous avez choisi un produit de fabrication et de garantie supérieures parmi les meilleurs disponibles sur le marché. Et nous ferons tout en notre pouvoir pour que vous soyez pleinement satisfait de votre achat pour des années à venir.

En tant que membre de la « famille » PHILIPS, vous avez droit à une protection inégalée par l'une des garanties les plus complètes de l'industrie ainsi qu'à des réseaux de service sans pareil.

De plus, votre achat garantit que vous recevrez toutes les informations et offres spéciales auxquelles vous avez droit, ainsi qu'un accès facile à toute une gamme d'accessoires disponibles via notre réseau de téléachat.

Mais ce qui est encore plus important, vous pouvez compter sur notre engagement total quand il s'agit de votre entière satisfaction. C'est notre façon de vous souhaiter la bienvenue et de vous remercier de votre investissement dans un produit PHILIPS.

P.S. Pour bénéficier au maximum de votre produit PHILIPS, assurez-vous de remplir et de retourner votre carte d'enregistrement de garantie le plus tôt possible.

The set complies with the FCC-Rules, Part 15 and with RSS-210 of Industry Canada.

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.**

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 instructions, 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the 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.

IMPORTANT NOTE:

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 minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Changes or modifications not expressly approved by Philips could void FCC authorization to operate this equipment.

Canada

English:

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

Français:

Cet appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Class B prescrites dans le Règlement sur le Brouillage Radioélectrique édicté par le Ministère des Communications du Canada.

LGPL Library written offer

This product contains Linux 2.4.27-vrsl, that is made available under the GNU LGPL license version 2.1 (hereafter called "the Library").

Philips Electronics Hong Kong Ltd. hereby offers to deliver or make available, upon request, for a charge no more than the cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code of the Library on a medium customarily used for software interchange.

Please contact:

Mr: Bin Li
 BLC Audio PDCC Development
 5/F., Philips Electronics Building
 5 Science Park East Avenue
 Hong Kong Science Park
 Shatin Hong Kong

This offer is valid for a period of three years after the date of purchase of this product.

GPL Package written offer

This product contains Linux 2.4.27-vrsl, that is made available under the GNU GPL license version 2 (hereafter called "the Program").

Philips Electronics Hong Kong Ltd. hereby offers to deliver or make available, upon request, for a charge no more than the cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code of the Program on a medium customarily used for software interchange.

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About Wireless Music Station WAS5

Up to 5 Stations can be connected to a Wireless Music Center WAC5.

You can easily connect your WAS5 to your existing home audio systems, such as the audio/video receiver, home theatre system, mini/micro system, or multimedia speaker boxes (with built-in amplifier) and audio amplifiers.

On WAC5's hard disk, you can centrally store audio CDs. All the stored music can be wirelessly streamed, via Wi-Fi**, from Center to connected Stations.

Now, you will have the freedom to enjoy and share your favorite music around your home.

** Wi-Fi, or IEEE802.11 b/g, is the international leading industry standard for wireless broadband networking. It transfers digital data with wider range and bandwidth.

Supplied accessories

- Station's remote control with 1 × CR2025 battery
- Station's stand
- Station's AC adaptor
- 1 × Audio cables

Philips on-line support

Philips products have been designed and manufactured to the highest quality standards. If your Philips **WAS5** is not working correctly, we recommend you check your User Manual to verify that your product is properly connected and configured.

The web site for **WAS5** support: **www.philips.com/support** offers you all information you need to optimally enjoy your product, and about new additions to this exciting range, to make your home entertainment experience even more enjoyable.

Please visit: **www.philips.com/support** and enter your product name (**WAS5**) to view:

- **FAQ** (Frequently Asked Questions)
- Latest user manuals and PC software manuals
- Firmware upgrade files for **WAS5**
- Latest PC software downloads
- Interactive troubleshooting

Since it is possible for you to upgrade your product, we recommend that you register your product on **www.philips.com/register** so we can inform you as soon as new free upgrades become available.

Enjoy your **WAS5**!

The model number is on the rear of the set.

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Maintenance

Cleaning the Set

- Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

Safety information

- Place the set on a flat, hard and stable surface.
- Do not expose the system, batteries or discs to excessive moisture, rain, sand or heat sources caused by heating equipment or direct sunlight.
- Place the sets in a location with adequate ventilation to prevent internal heat build-up in your system. Allow at least 10 cm (4 inches) clearance from the rear and the top of the unit and 5 cm (2 inches) from each side.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers table-cloths, curtains, etc.
- The apparatus shall not be exposed to dripping or splashing.
- No objects filled with liquids, such as vases, shall be placed on the apparatus.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.

CAUTION

High voltage! Do not open. You run the risk of getting an electric shock.

The machine does not contain any user-serviceable parts.

Modification of the product could result in hazardous radiation of EMC or other unsafe operation.

If you disconnect the product from the mains, make sure to take the plug out of the wall socket completely.

Children could seriously injure themselves as the free end of the cable may still be live if only the connector is removed from the MAINS socket at the back of the unit.

Controls on the Station (front panel)

① **STANDBY-ON/ ECO POWER**

- press briefly to switch Station on or to standby mode;
- press and hold to switch Station to ECO POWER (power-saving mode) or on
- **Red indicator:** lights up red when the set is switched to Standby mode or ECO POWER

② **MUSIC FOLLOWS ME**

- **HD:** moves music playback between Center and Station or between Station and Station

③ **IR**

- sensor for the infrared remote control
- **Helpful hints:** Always point the remote control towards this sensor.

④ **Wi-Fi antenna**

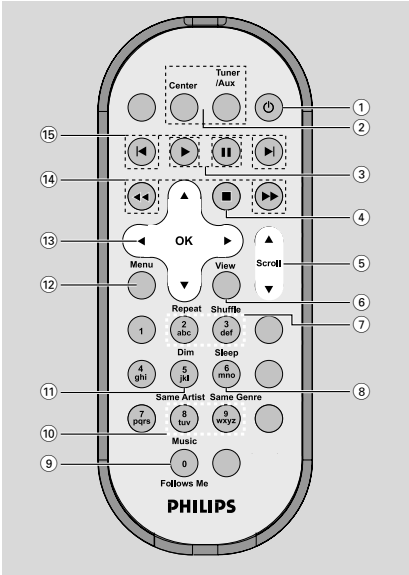
⑤ **Display**

- shows status of Station

⑥ **Blue indicator**

- lights up when the set is on

Station's remote control

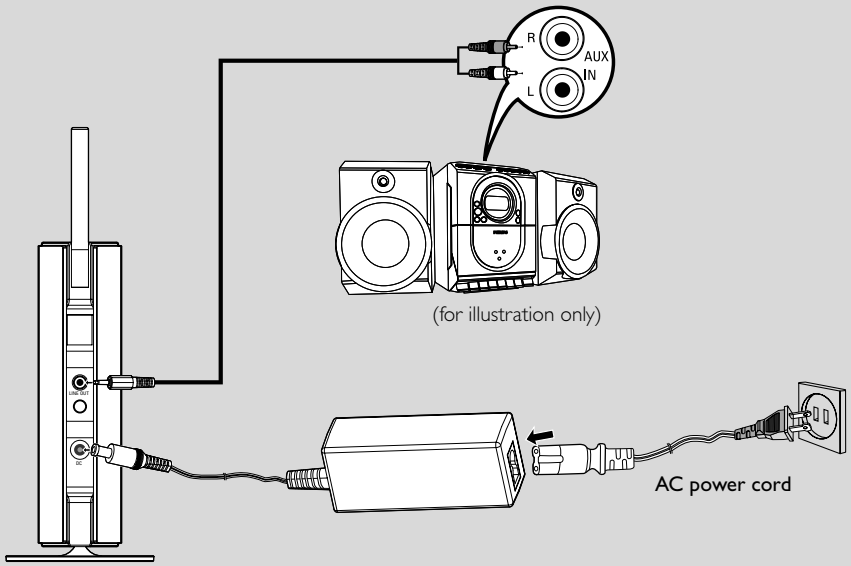


- ① **Power**
 - press briefly to switch the set to standby mode
 - press and hold to switch the set to ECO POWER (power-saving mode) or on
- ② **Center** (located on Center)
 - selects **HD** source
 - **In standby mode:** switches the set on and selects **HD** source
- Tuner/Aux** (located on Center)
 - selects the audio input from an additional connected appliance
 - **In standby mode:** switches the set on and selects the audio input from an additional connected appliance
- ③ **▶**
 - starts playback
- ⏸**
 - pauses playback
- ④ **■**
 - stops playback
- ⑤ **▲ / ▼ Scroll**
 - scroll the display screen upward or downward
- ⑥ **View**
 - toggles playback display and previous option list

- ⑦ **Repeat**
 - selects continuous playback
- Shuffle**
 - selects random playback
- ⑧ **Sleep**
 - adjusts/displays/switches off sleep timer
- ⑨ **Music Follows Me**
 - **HD:** moves music playback between Center and Station or between Station and Station
- ⑩ **Same Artist**
 - plays all the tracks of current Artist
- Same Genre**
 - plays all the tracks of current Genre
- ⑪ **Dim**
 - changes the brightness of display illumination
 - press and hold to turn the blue indicator on or off
- ⑫ **Menu**
 - enters or exits setup menu
- ⑬ **◀ / ▶ / ▲ / ▼**
 - navigation controls (left, right, up, down) to scroll through the option list
 - ◀
 - returns to previous option lists
 - ▲ / ▼
 - skips/searches tracks/passage backward/forward (in playback screen); fast scrolls the option list
 - ▶ / OK
 - confirms selection
- ⑭ **◀◀ / ▶▶**
 - searches track passage backward/forward (in playback screen)
- ⑮ **◀◀ ▶▶**
 - skips tracks backward/forward (in playback screen)

Installation

English



Placing Center and Station

IMPORTANT!

- Install your Center and Station near the AC outlet and where the AC power plug can be reached easily.

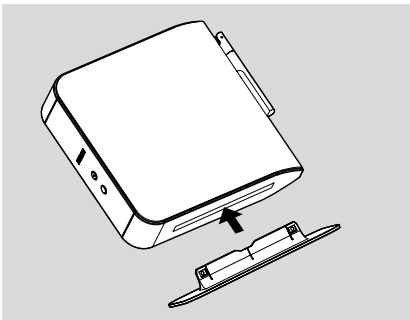
Take the following steps to optimize the Wi-Fi connection between Center and Station:

- Keep your Center and Station away from the source of interference (wireless routers, microwave ovens, DECT phones, bluetooth devices, cordless phones, other Wi-Fi products, etc.)
- Avoid placing your Center or Station close to the plasma TV. It may result in improper display on your Center's 2-way remote control.
- Keep Stations adequately apart or in different angles (e.g. in different rooms blocked by one wall). Within a distance and angle (e.g. in the same room), your Center's remote control is powerful enough to simultaneously operate several Stations, which may also result in improper display on the 2-way remote control.

Mounting stand onto Station

WAS5 Station is equipped with a stand. To mount the stand onto your Station,

- 1 Align the supplied stand to the slot at Station's bottom
- 2 Insert the stand into the slot firmly



Helpful hints:

- Once inserted, the stand is undetachable.

Setting up Wi-Fi connection between Center and Station

Up to 5 stations can be connected to a WAC5 Center:

On Center

- 1 Connect the Center to power supply
- 2 Switch on WAC5 Center and select **HD** source
- 3 To select **Add New Station** on Center
 - a. Press and hold **STOP • MENU** to enter the **MENU** screen (or on remote control, press **MENU**)
 - b. Use the navigation controls **▲** or **▼** and **▶** to enter **Station Mgmt** menu
 - c. In **Station Mgmt** menu, use the navigation controls **▲** or **▼** and **▶** to select **→ You will enter the Installation Mode.** Searching for the station starts **→ Playback stops on the previously associated Station** if you are playing the HD source

On Station



- 4 Connect the station to power supply
- 5 Select your desired language: **English, Français, Español, Nederlands, Italiano** and **Deutsch**
 - "Searching for Center" appears
 - The set enters **Installation Mode**
 - The search for Center starts

On Center

- 6 Press **STOP/■** on the Center when all your stations are found

IMPORTANT!

- Avoid thick walls. Your Center and Station should never be blocked by 2 or more walls.
- Avoid placing the sets close to large metal objects.
- For better Wi-Fi reception, turn the Wi-Fi antenna, or adjust the location of your Center and Station.

-  – indicates maximum reception
-  – indicates no reception

Installation

If there is interference in the neighborhood, the set may pause during playback or respond slowly to your operation. In such cases,

– Change the operating channel of your Center and Station when connecting them to an existing wireless PC network. To learn about how to change channels, see the manual **Connect to your PC: Option 2.**

– If possible, change the operating channels of the other Wi-Fi devices at your home.

– Turn the above devices in different directions to minimize interference.

– Use the WEP* key when connecting your Center and Station to an existing wireless PC network. See the Owner's manual of your router and the manual **Connect to your PC: Option 2.**

* stands for **Wired Equivalent Privacy**. It is a security protocol for wireless local area network

- 3 Select **AUX** mode on the connected audio system

Using AC power

- 1 Make sure all the connections have been made before switching on the power supply
- 2 Connect the AC power cord to the wall socket. This switches on the power supply

When Center or Station is switched to standby, it is still consuming some power. **To disconnect the system from the power supply completely, remove the power plug from the wall socket.**

The type plate is located on the rear of the set.

Rear connections

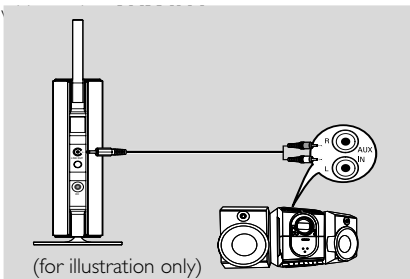
Warning:

Never make or change connections with the mains supply switched on.

Connecting to an audio system

You can easily connect your WAS5 to your existing home audio systems, such as the audio/video receiver, home theatre system, mini/micro system, or multimedia speaker boxes (with built-in amplifier) and audio amplifiers.

- 1 Insert the one-plug end of the audio cables (supplied) to **LINE OUT** on Station
- 2 Connect the two-plug end of the audio cables to the **AUX IN** (or **AUDIO IN**) terminals of the additional appliance, red plug to the to the red socket **AUX IN R** and white plug to the



Using the remote control

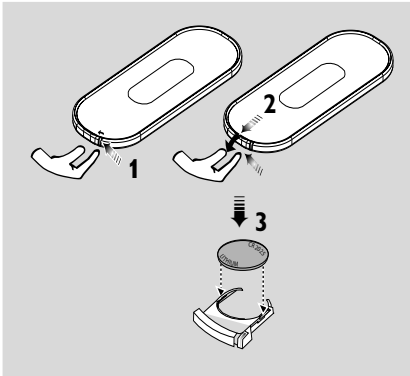
IMPORTANT!

- Remove the protective plastic tab before using the Station's remote control.
- Always point the remote control directly towards IR area .



To replace the battery

- 1 Press and hold ◀ as indicated
- 2 Simultaneously, pull the battery tray at ▼
- 3 Remove the old battery and put a new CR2025 battery in place
- 4 Put back the battery tray



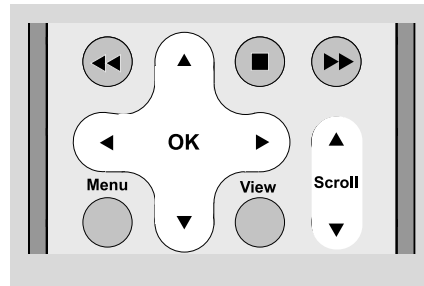
CAUTION!

- Remove the battery if it is exhausted or will not be used for a long time.
- Batteries contain chemical substances, so they should be disposed of properly.

Using the navigation controls

When selecting options on the set's screen, you often need to use the navigation controls ◀ / ▶ / ▲ / ▼.

- 1 Press ▲ / ▼ to highlight an option
- 2 Enter its submenu by pressing ▶
- 3 Press ◀ to return to the previous option list screen
- 4 Press OK or ▶ to confirm



Basic functions

Switching to standby/on

- 1 When the set is on, press **STANDBY-ON/ ECO POWER** to switch it to standby (or \odot on the remote control)
 - Display shows **GoodBye**
 - The **Red** indicator lights up
 - The screen dims out.
- 2 To switch on, press **STANDBY-ON/ ECO POWER** (or \odot on the remote control)
 - The set switches to the last source selected

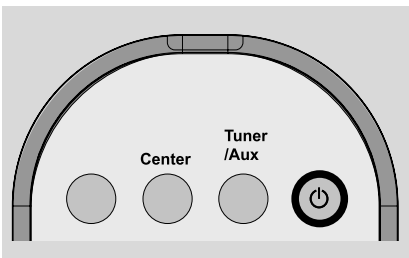
Switching to power-saving mode

In the power-saving ECO POWER mode, the set's display and Wi-Fi connection are turned off.

- 1 When the set is on, press and hold **STANDBY-ON/ ECO POWER** to switch it to Eco power (or \odot on the remote control).
 - The display is switched off
 - The **Red** indicator lights up
- 2 To switch on, press and hold **STANDBY-ON/ ECO POWER** (or \odot on the remote control)
 - The set switches to the last source selected

Helpful hints:

- In the standby/ECO POWER mode, the settings of networking, display and language will be retained in the set's memory.



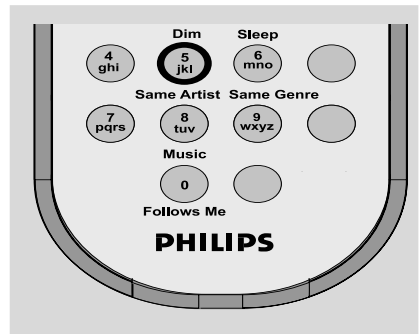
Auto-standby

- When the set has reached the end of playback/recording and remains in the stop position for more than 20 minutes, the set will switch to standby automatically to save power.

Switching the blue indicator on/off

The blue indicator lights up when the set is switched on.

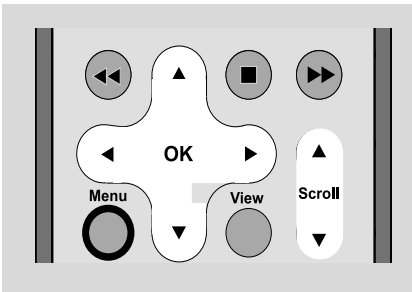
- On the remote control, press **DIM** to turn the brightness on or off



Display adjustment

You can adjust the display's backlight and contrast settings.

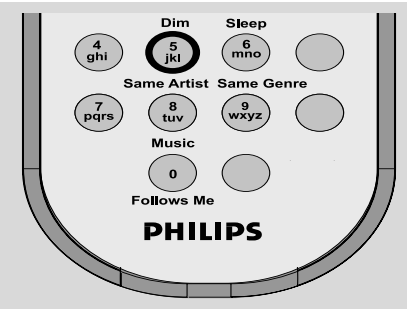
- 1 On the remote control, press **MENU**.
- 2 Use the navigation controls ▲ or ▼ and ▶ to select **Settings**.
- 3 Press ▲ or ▼ and ▶ to select **Display**.
- 4 Press ◀ / ▶ / ▲ / ▼ to select your options:



Backlight:

Press ▲ or ▼ and ▶ to select on or off ;

- You can also turn the backlight on or off by pressing **DIM** on the remote control



Contrast:

Press ◀ / ▶ to reduce or enlarge the contrast.



Selecting languages

- 1 On remote control, press **MENU**
- 2 Use the navigation controls ▲ or ▼ and ▶ to select **Settings**
- 3 Use the navigation controls ▲ or ▼ and ▶ to select **Language**
- 4 Press ▲ or ▼ and ▶ to select:
English, French, Spanish, Dutch, Italian and German.

On WACS Center is located a 80GB hard disk, where music is centrally stored. Via Wi-Fi, all the stored music can be streamed and played on Station.

For the details on how to use WAS5 Station together with Wireless Music Center, see the user manual for WACS57 or WACS5.

UPnP

After connecting your WAS5 to an existing network, you can set up a UPnP* server in the network. Play from your WAS5 stations the music collection either on the Center or on the UPnP server.

* Universal Plug and Play (UPnP™) builds on standard networking technologies and provides standardized protocols for a wide variety of home and small business devices. It allows easy interoperability of all the devices supporting the the networking technologies.

Requirements for the UPnP server:

- The UPnP device has been connected to the same network as WAS5
- UPnP server software is installed (e.g. **Philips Media Manager**; Musicmatch®) and the UPnP server function is enabled.
 - With **Philips Media Manager**, the UPnP server function is enabled by default.

To connect a UPnP server

If the WAS5 Station is now connected to Center,

- 1 Check the Center is switched on or to standby mode
- 2 Check your UPnP-enabled PC is switched on – Switch off your firewall
- 3 Switch on the Station
- 4 To select **Select Server** on Station
 - a. On the remote control, press **MENU**
 - b. Use the navigation controls ▲ or ▼ and ► to select
 - The Station's display shows the list of servers connected
 - **Server not found** appears if there is no UPnP server in the network
- 5 Use the navigation controls ▲ or ▼ and ► to select your desired server
 - The Station's display shows PC's music as it does on PC

If the WAS5 Station has ever been connected to Center, but is now disconnected from Center

- 1 Connect WAS5 to the power supply
 - Display shows: "**Connecting to Center...**"

- 2 To connect to a UPnP server, press **MENU** on the remote control
→ Display shows the selection screen of **Installation Mode** or **Select Server**
- 3 Use the navigation controls ▲ or ▼ and ► to select **Select Server**
→ The Station's display shows the list of servers connected
→ **Server not found** appears if there is no UPnP server in the network
- 4 Use the navigation controls ▲ or ▼ and ► to select your desired server
→ The Station's display shows PC's music as it does on PC

To play music on a UPnP server

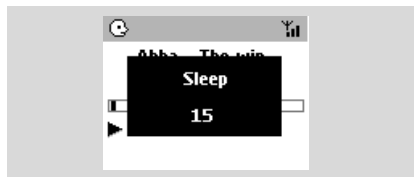
- 1 Check the WAS5 Station is switched on
- 2 Check the WAS5 Station is connected to a UPnP server
→ On the Station's display shows PC's music as it does on PC
- 3 Press the navigation controls ▲ or ▼ and ► to select your option
- 4 Press **OK** to start playback

Helpful hints:

– On WAS5's UPnP mode, **MUSIC FOLLOWS ME** and **MUSIC BROADCAST** are disabled.

SLEEP

You can set a certain period of time after which the Station will switch to standby.

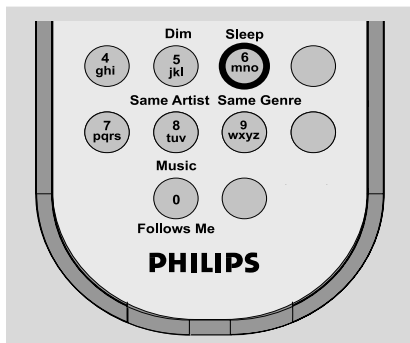


- 1 On the remote control, press **Sleep** repeatedly to select the desired time period options (in minutes):
→ Display shows in sequence: **Sleep 15, 30, 45, 60, 90, 120, Off**
→ Display shows the selected option briefly and returns to its previous status. The icon **Z²** appears
- 2 To view the time countdown to the standby mode, press **Sleep** again

To deactivate the sleep timer, press **Sleep** until **Sleep Off** is displayed.

or

Press **STANDBY-ON/ ECO POWER** to switch the set to standby (or  on the remote control)



Reset

If desired, you can restore your Center or Station to their default setting (including the network setting).

When to reset Center or Station:

- Resetting Center or Station helps to re-establish the connection between Center and Station.
- To change the way your Center connects to PC, you need to reset the Center (see the **Option 1**, **Option 2** or **Option 3** in manual **Connect to your PC**)

- 1 Check the set is switched on (See **Basic functions**)
- 2 Press and hold **STOP • MENU** to enter the **MENU** screen (or on the remote control, press **MENU**)
- 3 Use the navigation controls ▲ or ▼ and ► to enter **Settings**
- 4 Use the navigation controls ▲ or ▼ and ► to enter **Restore settings**
- 5 Press ▲ or ▼ and ► to select **Yes**
→ The set is rebooted. Language selection screen appears
- 6 Select your desired language: **English**, **Français**, **Español**, **Nederlands**, **Italiano** and **Deutsch**
→ The set enters **Installation Mode**
→ The search for Center or Stations starts. The Wi-Fi connection is being re-established

If the Center is reset and Stations are not reset:

- On the Stations, enter **Installation Mode** by:
 - a. Remove the Station's power plug and then, connect it to the power supply again
→ "**Connecting to Center**" appears
 - b. Press **MENU** or **STOP** to enter the selection screen of **Installation Mode** and **Select Server**
 - c. Use the navigation controls ▲ or ▼ and ► to select **Installation Mode**

If a Station is reset and the Center is not:

- On the Center, select **HD** mode and then, enter **Installation Mode** by:
 - a. Press **MENU**
 - b. Use the navigation controls ▲ or ▼ and ► to enter **Station Mgmt** menu
 - c. In **Station Mgmt** menu, use the navigation controls ▲ or ▼ and ► to select **Add New Station**
→ Searching for Stations starts

If both Center and Stations are reset:

- Do as you did in the first-time Wi-Fi connection (see the user manual for WACS57 or WACS5: **Installation, Set up Wi-Fi connection between Center and Station**)
- 7 On Center, press **STOP ■** to exit **Installation Mode** when all your Stations are found

General

AC Power
WAS5 120V±10%

Power consumption

Active
WAS5 < 5W
Standby
WAS5 < 3W
Eco Power Standby
WAS5 < 1W

Dimensions (w x h x d)

WAS5 80 x 173 x 186mm

Weight

WAS5 0.5 kg

LINE OUT

Output level 900mV
Output impedance 3.5k Ω
Distortion \leq 0.5%
Channel difference \leq 3dB
Channel separation \geq 60dB
S/N ratio \geq 76 dBA (IEC)

Wireless

Wireless standard
..... 802.11g, backwards compatible to 802.11b
Wireless security
..... WEP (64 or 128bit), WPA-PSK
Frequency range 2412-2462 MHz (CH1-CH11)

Specifications and external appearance are subject to change without notice.

Troubleshooting

WARNING

Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.

If a fault occurs, first check the points listed below before taking the system for repair. If you are unable to remedy a problem by following these hints, consult your dealer or Philips for help.

Problem	Solution
<p>Wi-Fi connection:</p> <p>During the first-time setup, Station's display shows "Searching for Center"</p> <p>I get interference on my wireless (WiFi) link between center and station.</p> <p>The Wireless Music Center/Station operate in the 2.4GHz radio frequency spectrum. Many other household/IT devices also operate in the frequency spectrum, for example: microwave ovens, Dect phones, Bluetooth devices like Bluetooth headphones, computer mouse, wireless routers, cordless phones, WiFi compatible printers, PDAs.</p> <p>These devices can interfere with the WiFi link between Center and Station, resulting in such interference as the pause during playback, the set's slow response to your operation. The severity of interference varies depending on the extent of radiation from the device and the strength of Wi-Fi signals in the position.</p>	<ul style="list-style-type: none">✓ Check you have placed the Center and Station side by side on a flat and firm surface.✓ Check you have connected the Center to power supply.✓ When adding a new station, check your center is in Installation mode✓ Turn off the wireless router nearby if there is difficulty in connecting your Center and Station. <p>If you are playing the set, stop playback and take the appropriate measures as follows:</p> <ul style="list-style-type: none">✓ Keep the Center or Station at least 3 meters away from such devices.✓ Use the WEP key when connecting your Center and Station to an existing wireless PC network. Refer to the owner's manual of your router and Option 2 in Connect to your PC.✓ Change the operating channel of your Center and Station when connecting them to an existing wireless PC network. To learn about how to change channels, see the manual Connect to your PC.✓ If possible, change the operating channels of the other Wi-Fi devices at your home.✓ Turn the devices in different directions to minimize interference.
<p>Remote control:</p> <p>The remote control does not function properly.</p>	<ul style="list-style-type: none">✓ Remove the protective plastic tab before using the Station's remote control.✓ Reduce the distance between the remote control and the set.✓ Replace the battery.✓ Point the remote control directly towards the IR sensor.

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 arises 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, 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 systems outside of the product.
- Product repair and/or part replacement because of improper installation, connections to improper voltage supply, abuse, neglect, misuse, accident, 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 occurring to product during shipping.
- 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., PUERTO RICO, OR U.S. VIRGIN ISLANDS...

Contact Philips Customer Care Center at:
1-888-PHILIPS (1-888-744-5477)

TO OBTAIN ASSISTANCE IN CANADA...

1-800-661-6162 (French Speaking)
1-888-PHILIPS (1-888-744-5477) - (English or Spanish Speaking)

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