

# Wireless Music Center + Station

## WACS 57



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



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Veuillez à avoir votre produit à  
portée de main.  
(et model / serial nombre)



Gracias por escoger Philips

### Necesita ayuda inmediata?

Lea primero la Guía de uso rápido o el Manual del usuario, en donde encontrará consejos que le ayudarán a disfrutar plenamente de su producto Philips.

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**1-888-PHILIPS (744-5477)**  
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.

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## 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.

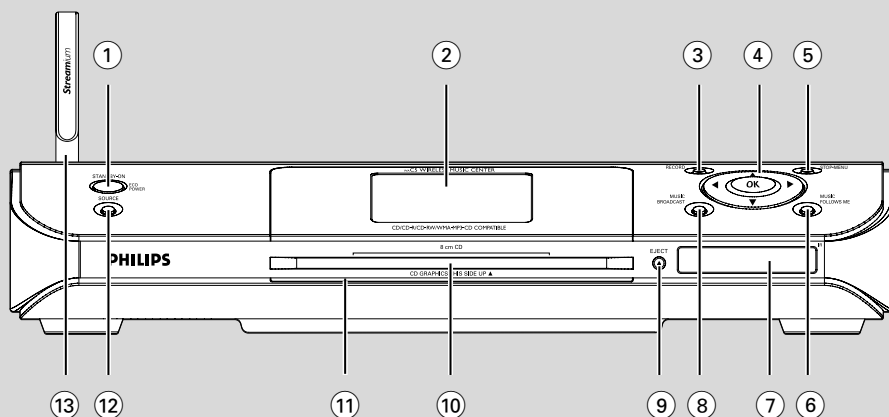
Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

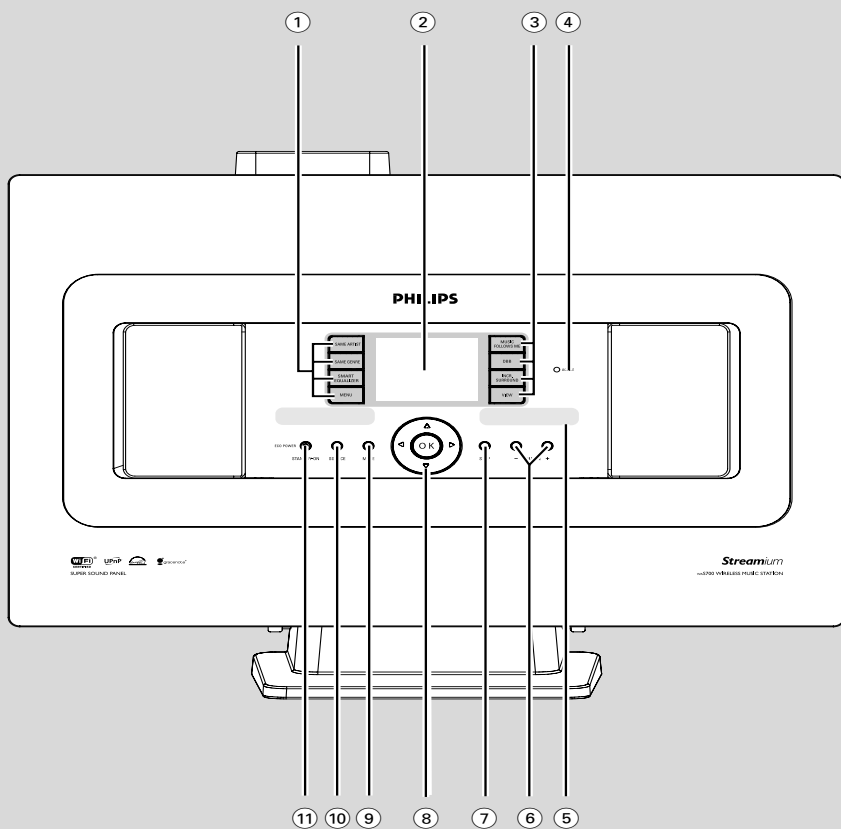
**WARNING:** To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture, and objects filled with liquids, such as vases, should not be placed on this apparatus.

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

## Wireless Music Center WAC5



# Wireless Music Station WAS700



# PHILIPS

***Congratulations on your purchase,  
and welcome to the “family!”***

**Dear PHILIPS product owner:**

Thank you for your confidence in PHILIPS. You've selected one of the best-built, best-backed products available today. We'll do everything in our power to keep you happy with your purchase for many years to come.

As a member of the PHILIPS “family,” you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry. What's more, your purchase guarantees you'll receive all the information and special offers for which you qualify, plus easy access to accessories from our convenient home shopping network.

Most importantly, you can count on our uncompromising commitment to your total satisfaction.

All of this is our way of saying welcome - and thanks for investing in a PHILIPS product.

**P.S. To get the most from your PHILIPS purchase, be sure to complete and return your Product Registration Card at once.**

# 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.

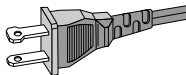
A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

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.



**AC Polarized Plug**

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](http://www.eiae.org).**

**EL 6475-S004: 03/12**



**Class II equipment symbol**

This symbol indicates that the unit has a double insulation system



**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.



Philips  
WAC5



Philips  
WAS700

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.

## **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.



## **End-User License Agreement USE OF THIS PRODUCT IMPLIES ACCEPTANCE OF THE TERMS BELOW.**

This product contains technology and data from Gracenote of Emeryville, California ("Gracenote"). The technology from Gracenote (the "Gracenote Embedded Software") enables this product to do disc identification and obtain music-related information, including name, artist, track, and title information ("Gracenote Data"), which is included on the Gracenote Database (the "Gracenote Database").

You agree that you will use Gracenote Data, the Gracenote Database, and Embedded Software for your own personal non-commercial use only. You agree that you will access Gracenote Data only by means of the standard end user functions and features of this product. You agree not to assign, copy, transfer or transmit the Embedded Software or any Gracenote Data to any third party. **YOU AGREE NOT TO USE OR EXPLOIT GRACENOTE DATA, THE GRACENOTE DATABASE, OR GRACENOTE COMPONENT, EXCEPT AS EXPRESSLY PERMITTED HEREIN.**

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Rev 2.1



**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").

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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

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**English ----- 10**

**Français ----- 53**

**Español ----- 100**

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## 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.*

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

*The making of unauthorized copies of copy-protected material, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.*

## About WACS57

**WACS57** comprise a **WAC5** Wireless Music Center and a **WAS700** Wireless Music Station. Up to 5 Stations can be connected to a **WAC5** Center:

On **WAC5**'s 80GB\* hard disk, you can centrally store up to 1,500 audio CDs. All the stored music can be wirelessly streamed, via Wi-Fi\*\*, from Center to connected Stations.

You can easily connect your **WAC5** 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.

**WAS700** Station provides sound and FM radio features unavailable in WAC5.

No need to be bound to your CD player or PC etc., or be troubled by the wiring. Now, you will have the freedom to enjoy and share your favorite music around your home.

\* Available storage capacity is based on 4 minutes per song, 10 songs per CD on average, 128 kbps MP3 encoding and given the fact that operational software is part of the product's memory.

Actual free space is 69GB or less, due to the buffer partition for MP3 compression, firmware, music CD database and demo tracks stored.

\*\* 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

- Center's remote control and 4 x AAA batteries
- Station's remote control with 1 x CR2025 battery
- 1 x Audio cables (for Center)
- 1 x FM wire antenna (for Station)
- 1 x Ethernet cable
- PC installer CD
- 1 x Mounting kit (for Station)

## Philips on-line support

Philips products have been designed and manufactured to the highest quality standards. If your Philips **WACS57** 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 **WACS57** support: **[www.philips.com/support](http://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](http://www.philips.com/support)** and enter your product name (**WACS57**) to view:

- **FAQ** (Frequently Asked Questions)
- Latest user manuals and PC software manuals
- Firmware upgrade files for **WACS57**
- 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](http://www.philips.com/register)** so we can inform you as soon as new free upgrades become available.

Enjoy your **WACS57**!

**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.

### Cleaning Discs

- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center out.
- Do not use solvents such as benzene, thinner, commercially available cleaners, or antistatic spray intended for analog records.



### Protecting the hard disk

- Keep your WAC5 Center from violent vibration, which may result in the damage to the hard disk.

## 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.

## Controls on the Center (Top and front panels)

### ① **STANDBY-ON/ ECO POWER**

- press briefly to switch Center on or to standby mode;
- press and hold to switch Center to ECO POWER (power-saving mode) or on
- **Green indicator:** lights up green when the set is on; flashes during CD ripping /MP3 conversion (when the set is on)
- **Red indicator:** lights up red when the set is switched to Standby mode or ECO POWER

### ② **Display**

- shows status of Center

### ③ **RECORD**

- **CD/AUX:** starts the recording to hard disk

### ④ ◀ / ▶ / ▲ / ▼

- navigation controls (left, right, up, down) to scroll through the option list



- **HD/CD:** returns to previous option lists



- **HD/CD:** skips/searches tracks/passage backward/forward (in playback screen); fast scrolls the option list



- confirms selection



- **HD/CD:** starts or pauses playback
- **CD:** selects or deselects tracks to be recorded on hard disk

### ⑤ **STOP • MENU**

- stops playback or recording;
- press and hold to enter or exit setup menu

### ⑥ **MUSIC FOLLOWS ME**

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

### ⑦ **IR**

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

### ⑧ **MUSIC BROADCAST**

- **HD:** broadcast music from Center to Station

### ⑨ **EJECT**

- ejects a disc from the CD slot loader

### ⑩ **CD slot loader**

### ⑪ **Blue indicator**

- lights up when the set is on

### ⑫ **SOURCE**

- selects sound source **HD, CD** or **AUX**
- **In standby mode:** switches Center on and selects sound source **HD, CD** or **AUX**

### ⑬ **Wi-Fi antenna**

## Controls on the Station ( front panel)

### ① SAME ARTIST

- **HD:** plays all the tracks of current artist

### SAME GENRE

- **HD:** plays all the tracks of current genre

### SMART EQUALIZER

- **HD:** selects match sound setting for current genre

### MENU

- enters or exits setup menu

### ② Display

- shows status of Station

### ③ MUSIC FOLLOWS ME

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

### DBB (Dynamic Bass Boost)

- turns the bass enhancement on (**DBB1**, **DBB2**, **DBB3**) or off

### INCR. SURROUND

- selects surround sound effect

### VIEW

- toggles playback display and previous option list

### ④ ACTIVE

- **HD/AUX:** lights up green when streaming is activated between Center and Station (after you have switched on Station)

### ⑤ IR

- sensor for the infrared remote control

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

### ⑥ VOLUME -, +

- adjusts the volume level

### ⑦ STOP

- stops playback

### ⑧ ◀ / ▶ / ▲ / ▼

- navigation controls (left, right, up, down) to scroll through the option list



- **HD:** returns to previous option lists
- **Radio:** enters the list of preset stations



- **HD:** skips/searches tracks/passage backward/forward (in playback screen); fast scrolls the option list
- **Radio:** tunes to radio stations



- confirms selection



- **HD:** starts or pauses playback

### ⑨ MUTE

- switches the sound off temporarily

### ⑩ SOURCE

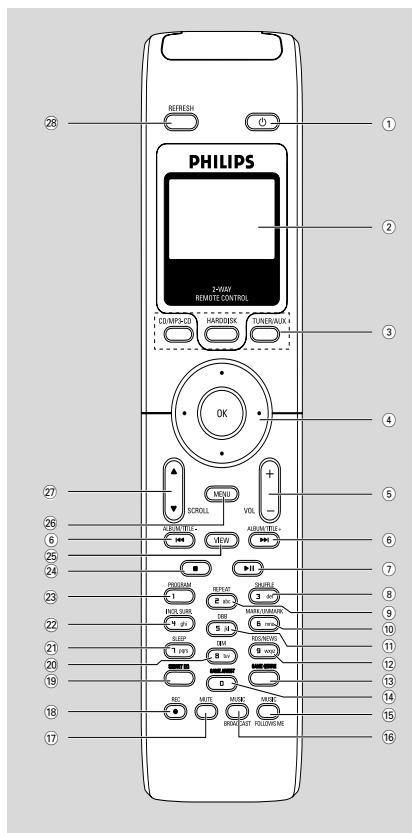
- selects sound source **HD**, **Radio** or **AUX**
- **In standby mode:** switches Station on and selects sound source **HD**, **Radio** or **AUX**

### ⑪ 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
- **Green indicator:** lights up green when the set is on
- **Red indicator:** lights up red when the set is switched to Standby mode or ECO POWER



## Center's 2-way remote control



### IMPORTANT!

– This remote control can be also used for WAS700 Station, which provides sound and tuner features unavailable in WAC5. Such sound/tuner buttons will not work with WAC5.

– To operate Station using Center's remote control, see Preparation: Using Center's remote control.

### ①

- 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 **Synchro display**

- synchronous display of the set's status

### ③ **Source buttons**

#### **CD/MP3-CD**

- selects **CD** source
- **In standby mode:** switches the set on and selects **CD** source

#### **HARDDISK**

- selects **HD** source
- **In standby mode:** switches the set on and selects **HD** source

#### **TUNER/AUX**

##### **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

##### **on Station:**

- selects **Radio** source or the audio input from an additional connected appliance
- **In standby mode:** switches the set on and selects **Radio** source or the audio input from an additional connected appliance

### ④

- navigation controls (left, right, up, down) to scroll through the option list

#### 

- **HD/CD:** returns to previous option lists
- **Radio:** enters the list of preset stations (for Station only)

#### 

- **HD/CD:** skips/searches tracks/passage backward/forward (in playback screen); fast scrolls the option list
- **Radio:** tunes to radio stations (for Station only)

#### 

- confirms selection

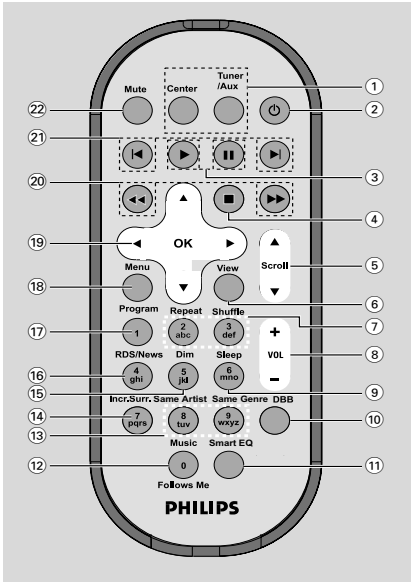
### ⑤ **VOL +, -**

- adjusts the volume level (for Station only)

# Controls

- ⑥ **◀◀ / ▶▶**
  - **HD/CD:** skips/searches tracks/passage backward/forward (in playback screen)
- ⑦ **▶ II**
  - **HD/CD:** starts or pauses playback
- ⑧ **SHUFFLE**
  - selects random playback
- ⑨ **REPEAT**
  - selects continuous playback
- ⑩ **MARK/UNMARK**
  - **CD:** selects or deselects tracks to be recorded on hard disk
- ⑪ **DBB(Dynamic Bass Boost)**
  - turns the bass enhancement on (**DBB1, DBB2, DBB3**) or off (*for Station only*)
- ⑫ **RDS/NEWS**
  - no function on this set
- ⑬ **SAME GENRE**
  - **HD:** plays all the tracks of current Genre
- ⑭ **SAME ARTIST**
  - **HD:** plays all the tracks of current Artist
- ⑮ **MUSIC FOLLOWS ME**
  - **HD:** moves music playback between Center and Station or between Station and Station
- ⑯ **MUSIC BROADCAST**
  - **HD:** broadcasts music from Center to Station
- ⑰ **MUTE**
  - switches the sound off temporarily (*for Station only*)
- ⑱ **REC**
  - **CD/AUX:** starts the recording to hard disk
- ⑲ **SMART EQ**
  - **HD:** selects match sound setting for current genre (*for Station only*)
- ⑳ **DIM**
  - changes the brightness of display illumination
  - press and hold to turn the blue indicator on or off (*for Station only*)
- ㉑ **SLEEP**
  - adjusts/displays/switches off sleep timer
- ㉒ **INCR. SURROUND**
  - selects surround sound effect (*for Station only*)
- ㉓ **PROGRAM**
  - **Radio:** manually programs preset radio stations (*for Station only*)
- ㉔ **■**
  - stops playback or recording
- ㉕ **VIEW**
  - toggles playback screen and previous option list
- ㉖ **MENU**
  - enters or exits setup menu
- ㉗ **▲ / ▼ SCROLL**
  - scroll the display screen upward or downward
- ㉘ **REFRESH**
  - synchronize remote control's display with the set's display

## Station's remote control



### ① Source buttons

#### Center

- selects **HD** source (located on Center)
- **In standby mode:** switches the set on and selects **HD** source (located on Center)

#### Tuner/Aux

- selects **Radio** source or the audio input from an additional connected appliance
- **In standby mode:** switches the set on and selects **Radio** source or the audio input from an additional connected appliance

### ②

- press briefly to switch the set to standby mode
- press and hold to switch the set to ECO POWER (power-saving mode) or on

### ③

- **HD/CD:** starts playback

#### II

- **HD/CD:** pauses playback

### ④

- stops playback or recording

### 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 **VOL +, -**

- adjusts the volume level

### ⑨ **Sleep**

- adjusts/displays/switches off sleep timer

### ⑩ **DBB (Dynamic Bass Boost)**

- turns the bass enhancement on (**DBB1, DBB2, DBB3**) or off

### ⑪ **Smart EQ**

- **HD:** selects match sound setting for current genre

### ⑫ **Music Follows Me**

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

### ⑬ **Same Artist**

- **HD:** plays all the tracks of current Artist

#### Same Genre

- **HD:** plays all the tracks of current Genre

### ⑭ **Incr. Surr.**

- selects surround sound effect

### ⑮ **Dim**

- changes the brightness of display illumination

### ⑯ **RDS/News**

- no function on this set

# Controls

---

## ⑰ Program

- manually programs preset radio stations

## ⑱ Menu

- enters or exits setup menu

## ⑲ ◀ / ▶ / ▲ / ▼

- navigation controls (left, right, up, down) to scroll through the option list



- **HD/CD:** returns to previous option lists
- **Radio:** enters the list of preset stations



- **HD/CD:** skips/searches tracks/passage backward/forward (in playback screen); fast scrolls the option list
- **Radio:** tunes to radio stations



- confirms selection

## ⑳ ◀◀ / ▶▶

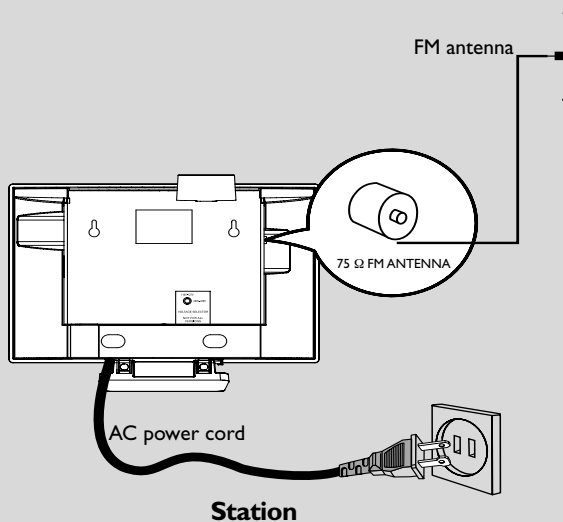
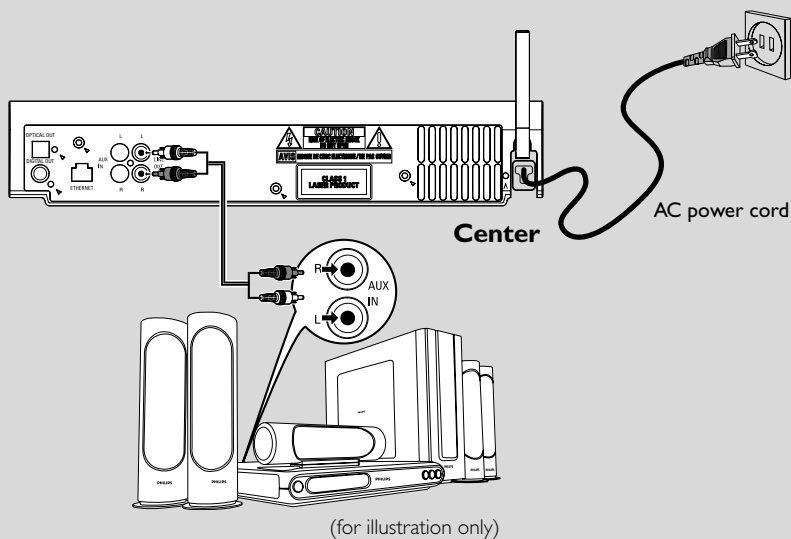
- **HD/CD:** searches track passage backward/forward (in playback screen)

## ㉑ ⏮, ⏭

- **HD/CD:** skips tracks backward/forward (in playback screen)

## ㉒ MUTE

- switches the sound off temporarily



## Placing Center and Station

### IMPORTANT!

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

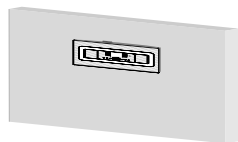
### Take the following steps to optimize the Wi-Fi connection between Center and Station:

- 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.

With the detachable stand and by-packed wall mounting kit, WAS700 Station allows you to place it in two ways: **on desktops with stand** or **on walls without stand**.



(on desktops with stand)



(on walls without stand)

See **Appendix: How to mount your Station onto walls** to learn more about wall mounting

## Setting up Wi-Fi connection between Center and Station

Wi-Fi connection starts automatically when you power up WAC5 Center and WAS700 Station

- 1 The first time you set up Wi-Fi connection, place Center and Station side by side on a flat and firm surface
- 2 First, connect the Center to power supply, and then, connect the Station to power supply

### Center/Station:

- The screen lights up. Auto installation/connection starts
- You will enter **HD** (Harddisk) mode when the installation/connection is finished



- 3 Relocate Center and Station as desired: **plug and stream\***
- Simply unplug your Center or Station and power them up in other rooms
    - You will be able to stream the harddisk music between Center and Station

### Helpful hints:

– Make sure you have powered up Center before powering up Station.

### 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

\* Streaming is the process describing data is pulled between places, which be multiple places.

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

- 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**.
- 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.

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

## Rear connections

### Warning:

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

### On Center

#### A Connecting to an audio system

You can easily connect your WAC5 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.

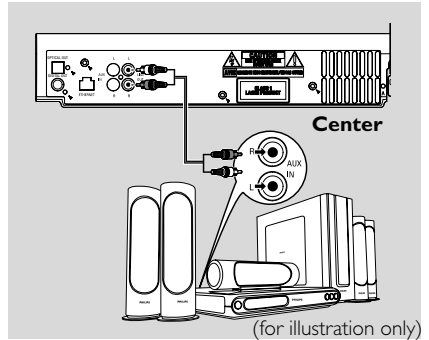
Using audio cables, connect one (one set) of WAC5's sound output terminals: **LINE OUT**, **DIGITAL OUT** or **OPTICAL OUT** to the corresponding input terminals in the connected device.

### Helpful hints:

- For better sound output, use **DIGITAL OUT** or **OPTICAL OUT** if it is available on the connected device.

### LINE OUT:

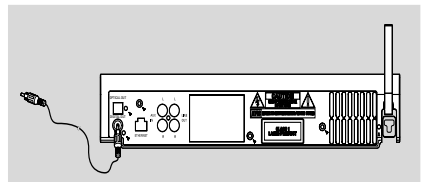
- 1 Insert the red plug of the red/white audio cables (supplied) to the red socket **LINE OUT R** and the white plug to the white socket **LINE OUT L**
- 2 Connect the other end of the audio cables to the **AUX IN** (or **AUDIO IN**) terminals of the additional appliance, red plug to the red socket **AUX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



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

### DIGITAL OUT:

- 1 Insert the plug of digital audio cables (not supplied) to the **DIGITAL OUT** socket
- 2 Connect the other end of the audio cables to the **DIGITAL IN** terminal of an additional appliance



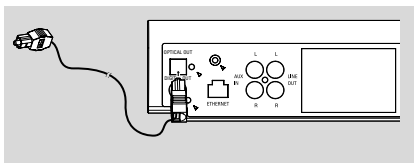
- 3 Select the Digital Input mode (such as **DI**) in the connected audio system

### Helpful hints:

- Noises occur if the digital output/input does not suit your audio system's amplifiers well. In that case, use the **LINE OUT** / **AUX IN** connection instead. See the steps under **LINE OUT**.
- Always refer to the owner's manual of other equipment for details.

## OPTICAL OUT:

- 1 Insert the plug of optical audio cables (not supplied) to the **OPTICAL OUT** socket
- 2 Connect the other end of the audio cables to the **OPTICAL IN** terminal of the additional appliance.



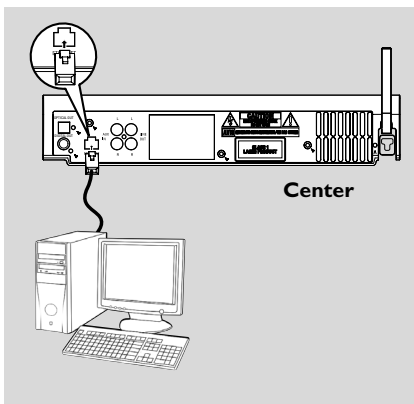
- 3 Select the Optical Input mode in the connected audio system.

### Helpful hints:

– Always refer to the owner's manual of other equipment for details.

## (B) Connecting to your PC

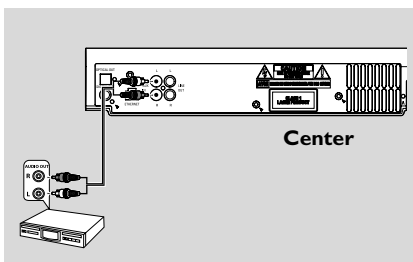
- Connect the supplied Ethernet cable to Center's **ETHERNET** and your computer's Ethernet port. For details, see the manual **Connect to your PC**



## (C) Connecting an additional appliance

It is possible to use an additional appliance, e.g. TV, VCR, Laser Disc player or DVD player, with the WAC5 Center. On WAC5 Center, you can playback or record music from an external source.

- 1 Insert the red plug of the red/white audio cables (not supplied) to the red socket **AUX IN R** and the white plug to the white socket **AUX IN L**
- 2 Connect the other end of the audio cables to the **AUDIO OUT** terminals of the additional appliance



- 3 Select **AUX** mode on Center

### Helpful hints:

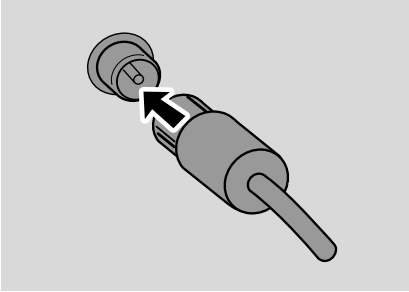
- For more information about recording/playback from the external source, see **HD: Recording from external source** and **AUX**.
- For better sound output, use the **LINE OUT** terminals on the external device.
- If the connected device has only a single audio out terminal, connect it to the AUX IN left terminal. Alternatively, you can use a "single to double" cinch cable, but the output sound still remain mono.
- Always refer to the owner's manual of other equipment for complete connection.



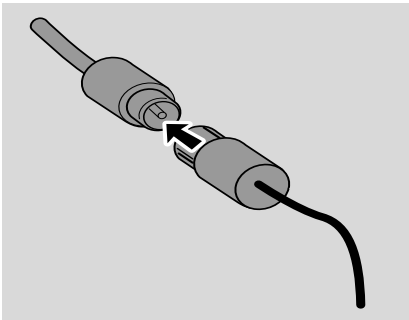
## On Station

### (A) Antenna Connection

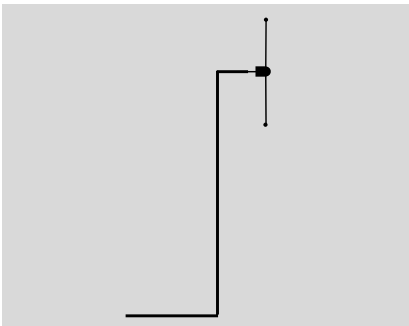
- 1 Extend the wire antenna and fit it to **FM ANTENNA** as shown below



- 2 To improve FM reception, fit the plug of the wire antenna, as shown, into the plug of the extension line



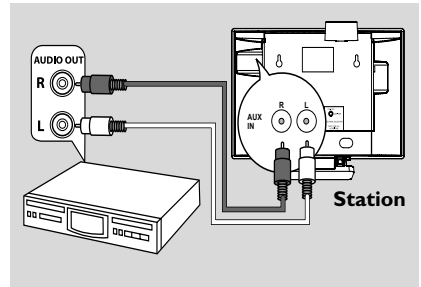
- 3 Extend the extension line and move it in different positions for optimal reception (as far away as possible from the TV, VCR or other radiation sources)
- 4 Fix the extension line's end to the ceiling



### (B) Connecting an additional appliance

It is possible to use an additional appliance, e.g. TV, VCR, Laser Disc player, DVD player or CD recorder, with the Station. On WAS700 Station, you can playback music from an external source.

- 1 Insert the red plug of the red/white audio cables (not supplied) to the red socket **AUX IN R** and the white plug to the white socket **AUX IN L**.
- 2 Connect the other end of the audio cables to the **AUDIO OUT** terminals of the additional appliance.



- 3 Select **AUX** mode on Station

## 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.**

# Preparation

## Using the remote control

WACS57 are equipped with two remote controls, one for Center and the other for Station. By using either of the remote controls, you can operate both Center and Station

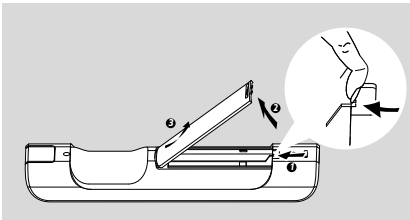
### IMPORTANT!

- **Always point the remote control directly towards IR area on the Center or Station you wish to operate.**
- **Some functional keys on Center's remote control are exclusively used for Center (for example, CD/MP3-CD, MARK/UNMARK, MUSIC BROADCAST etc.)**

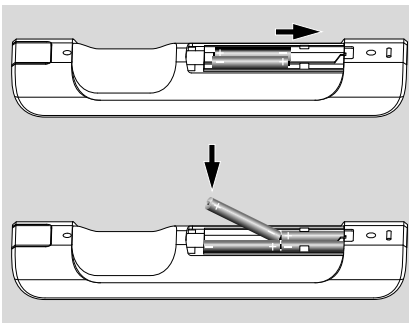
## Preparation

### Center's remote control:

- 1 Open the battery compartment.



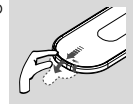
- 2 Insert 4 batteries type R03 or AAA into the remote control with the correct polarity as indicated by the "+" and "-" symbols inside the battery compartment



- 3 Put back the compartment door

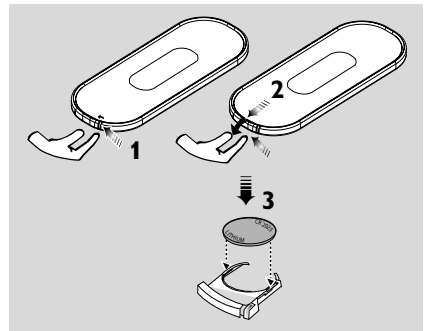
### Station's remote control:

- Remove the protective plastic tab before using the Station's remote control.



### 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!

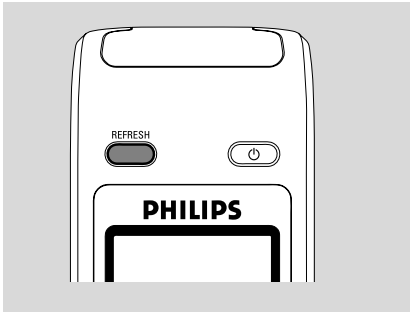
- Remove batteries if they are exhausted or will not be used for a long time.
- Do not use old and new or different types of batteries in combination.
- Batteries contain chemical substances, so they should be disposed of properly.

## Using Center's remote control

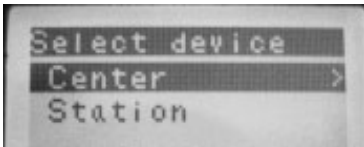
**Battery usage:** As a remote control with synchronous display, Center's remote control consumes more power than normal remote controls. When its batteries are low or empty, the icon  appears on the remote control's display. Replace the batteries with new alkaline batteries.

By default, Center's remote control works with Center only. **To operate Station using Center's remote control**

- 1 Press and hold **REFRESH** until the selection screen appears on the display of Center's remote control.



- 2 Press the navigation controls **▲** or **▼** and **▶** to select **Station**



### On Center's remote control:

- Display shows current status of Station after Station is connected
- You can use Center's remote control to operate Station now.

### Helpful hints:

- To operate Center using the remote control again, repeat the above steps 1-2 to select Center.
- **Center's remote control will return to its default setting (works with Center only) when you insert new batteries into it.**

## Using the display on the Center's remote control

You can synchronize the local display of your Center or Station onto the display of Center's 2-way remote control. With the synchronized display, your operation of remote control becomes quicker and easier.

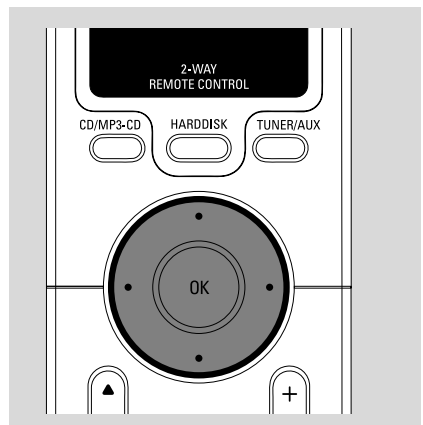
### Note:

- Avoid placing your Center or Station close to the plasma TV. It may interfere with the Center's remote control and cause improper display on your Center's remote control. In this case, turn off your plasma TV or use Station's remote control.
- If you switch on your Center or Station using the **STANDBY-ON/ ECO POWER** button on the set, press **REFRESH** on Center's remote control to synchronize the remote control's display.
- The display supports 6 European languages: English, French, Spanish, Dutch, Italian and German.

## 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 and selecting functions

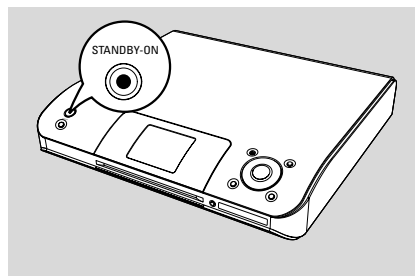
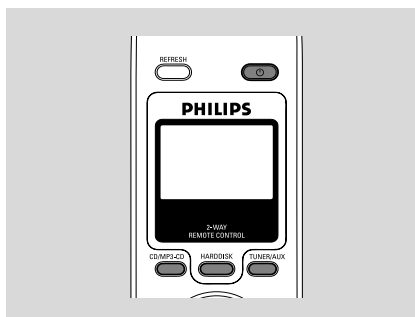
- 1 When the set is on, press **STANDBY-ON/ ECO POWER** to switch it to standby (or  $\phi$  on the remote control)
  - Display shows **GoodBye**
  - The **Red** indicator lights up
  - The screen dims out.
- 2 To switch on, press **STANDBY-ON/ ECO POWER** on the set
  - The set switches to the last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

**OR**

On the remote control, press the source button (e.g. **HARDDISK, CD/MP3-CD, TUNER/AUX, Center**)
- 3 To select your function, press **SOURCE** once or more on the set (or **HARDDISK, CD/MP3-CD, TUNER/AUX** on the remote control)
- On Station's remote control, press **Center** to select **HD** source (music stored on Center)

### Helpful hints:

- CD/MP3-CD source is only available on Center; TUNER source is only available on Station.



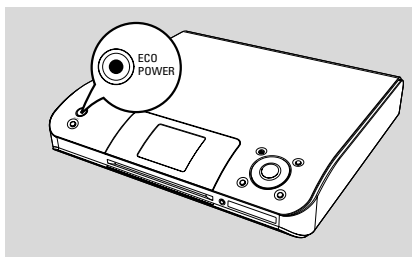
## Switching to power-saving mode

In the power-saving Eco power mode, the set's display and Wi-Fi connection are turned off. The Center's harddisk also stops working. When you switch Center to Eco power, it is impossible to move music between Center and Station or import music from PC to Center.

- 1 When the set is on, press and hold **STANDBY-ON/ ECO POWER** to switch it to Eco power (or  $\phi$  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  $\phi$  on the remote control) or press and hold **SOURCE** on the set
  - The set switches to the last source selected

### Helpful hints:

- In the standby/Eco power mode, the settings of networking, sound, display, language and CD recording, the tuner presets, and the volume level (maximum: the moderate level) will be retained in the set's memory.
- To protect the hard disk, always switch Center to standby/ECO POWER before removing its power plug from the wall outlet.



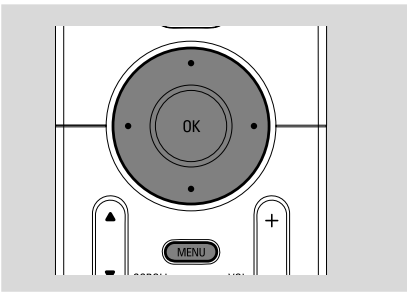
## Auto-standby

- 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.

## Display adjustment

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

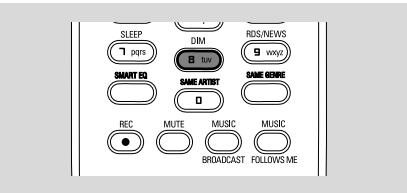
- 1 Press and hold **STOP • MENU** to enter the **MENU** screen (or on remote control, press **MENU**).
- 2 Use the navigation controls ▲ or ▼ and ► to select **Settings**.
- 3 Press ▲ or ▼ and ► to select **Display**.
- 4 Press ◀ / ▶ / ▲ / ▼ to select your options:



### 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



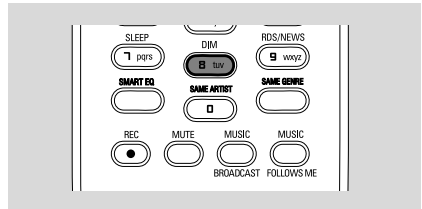
## Selecting languages

- 1 Press and hold **STOP•MENU** to enter the **MENU** screen (or 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**

## Switching the blue indicator on/ off (for Center only)

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

- On Center's remote control, press and hold **DIM** to turn the brightness on or off



## Volume control (for Station only)



- 1 Check the playback starts.
- 2 Adjust the volume with **VOL +/-** buttons  
→ Display shows the volume bar, indicating the volume level

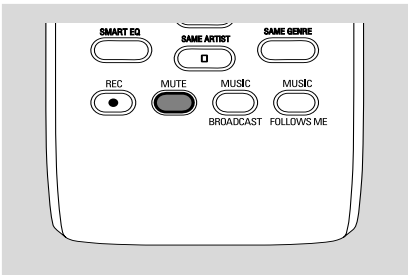


# Basic functions

## MUTE (for Station only)

During playback, you can temporarily switch off the sound without switching off the set.








- 1 Press **MUTE** to switch off the sound  
→ The icon  appears. Playback continues without sound
- 2 To switch on the sound, press **MUTE** again or adjust the volume with **VOL +/-**  
– You can also switch on the sound by activating **MUSIC BROADCAST** on the Center  
→ The icon  disappears



## Sound control (for Station only)











### Equalizer

**Equalizer** enables you to select predefined sound settings.

- 1 Press **MENU** to enter the **MENU** screen
- 2 Use the navigation controls  or  and  to select **Equalizer**
- 3 Press  or  and  to select **Rock**, **Pop** (default), **Jazz**, **Neutral**, **Techno**, **Classical** or **Bass/Treble**
- 4 Press **OK** or  to confirm

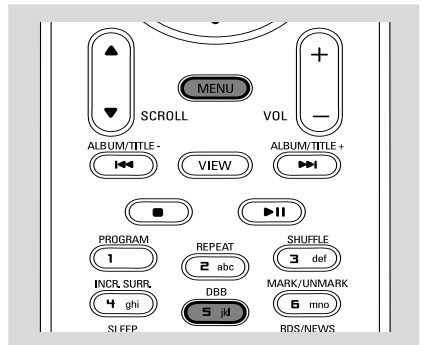


## Bass adjustment

- Press **DBB (Dynamic Bass Boost)** once or more to select your option: **DBB OFF** (by default), **DBB 1**, **DBB 2** or **DBB 3**
- To select **Treble/Bass** options:
  - 1 Press **MENU** to enter the **MENU** screen
  - 2 Use the navigation controls  or  and  to select **Settings**
  - 3 Press  or  and  to select **Treble/Bass**
  - 4 Press  /  /  /  to select your options: Treble (+3 to -3), Bass (+3 to -3)

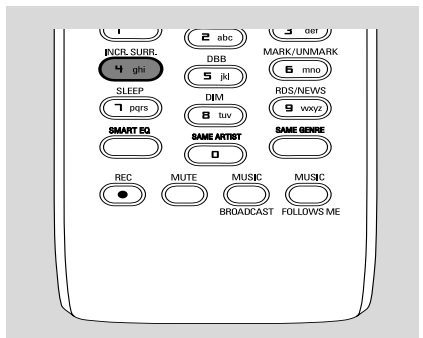
### Helpful hints:

- Some discs might be recorded in high modulation, which causes a distortion at high volume. If this occurs, switch off **DBB** or reduce the volume.



## Incredible surround

- Press **Incr. Sur.** once or more to turn the surround sound effect on or off  
→ Display shows **IS ON** or **IS OFF**




## Playing Harddisk (HD)


On WAC5 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.


- 1 Check the Center or Station is switched on or to standby

**For Station:** also check the Center is switched on or to standby (See **Basic functions**)


- 2 Press **SOURCE** once or more to select **HD** (on Center's remote control, press **HARDDISK**; on Station's remote control, press **Center**)  
→ Display shows **HD** and the categories of your music library: **Playlists**, **Artists**, **Albums**, **Genres**, **All tracks**  
→ Demo tracks are stored in **Playlists**

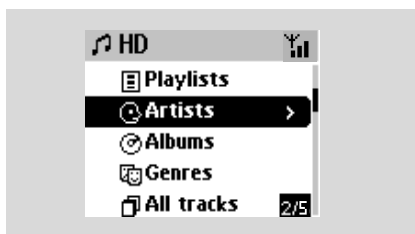
**Playlists** (  ): custom collection of your favorite tracks sorted by the playlists' name in alphanumeric order

**Artists** (  ): collection of albums sorted by the artists' name in alphanumeric order

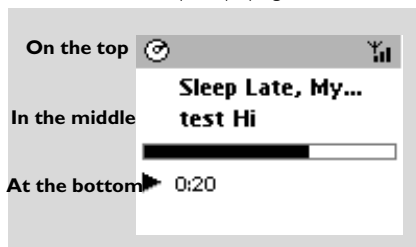
**Albums** (  ): albums sorted by the albums' name in alphanumeric order


**Genres** (  ): artists' album collection sorted by music style

**All tracks** (  ): tracks sorted by the tracks' name in alphanumeric order



- 3 Press the navigation controls **▲** or **▼** and **▶** to select your option
- 4 Press **OK** to start playback
- 5 Press **OK** on a highlighted artist, genre or album to start playback from the beginning of the item (or **▶||** on Center's remote control; the Play key **▶** on Station's remote control)  
→ The playback screen shows:  
**on the top:** your HD option (e.g. Playlist, Artist)  
**in the middle:** current track name and some track information  
**at the bottom:** elapsed playing time



- 5 To pause playback, press **OK** (or **▶||** on Center's remote control; **||** on the Station's remote control). To resume playback, press the button again (the Play key **▶** on Station's remote control)
- 6 To stop playback, press **STOP** 

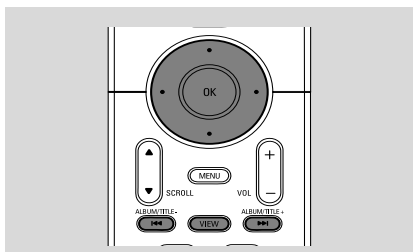
## Selecting and searching

### Selecting a different album or track

- 1 If necessary, press **◀** to enter previous option list
- 2 Repeatedly press the navigation controls **▲** or **▼** and **▶** to select the desired album or track
- 3 Press **VIEW** to return to the playback screen, if necessary

### To select a different track in current album during playback

- In the playback screen, briefly and repeatedly press the navigation controls **▲** or **▼** to select previous or next tracks (or **◀◀** or **▶▶** on Center's remote control; **◀**, **▶** on Station's remote control)



## Using the fast skip ▲ or ▼

Use this function to find an option (e.g. an album or a track) in a long option list.

- Press and hold the navigation controls ▲ or ▼ in the long option list
  - You will skip the options faster and faster
  - At the high speed skip, the initial letter of current options appears for easy identification



## Fast search during playback

- 1 In the playback screen, press and hold the navigation controls ▲ or ▼ (or I◀◀ or ▶▶ on Center's remote control; ◀◀/ ▶▶ on Station's remote control)
  - The HD plays at a high speed
- 2 When you recognize the passage you want, release ▲ or ▼ (or I◀◀ or ▶▶ on Center's remote control; ◀◀/ ▶▶ on Station's remote control)
  - Normal playback resumes

## Selecting tracks of a particular artist

- During playback, press **SAME ARTIST**
  - Playback of current artist's tracks continues after current track

## Selecting tracks of a particular genre

- During playback, press **SAME GENRE**
  - Playback of current genre's tracks continues after current track

## Different play modes: REPEAT, SHUFFLE

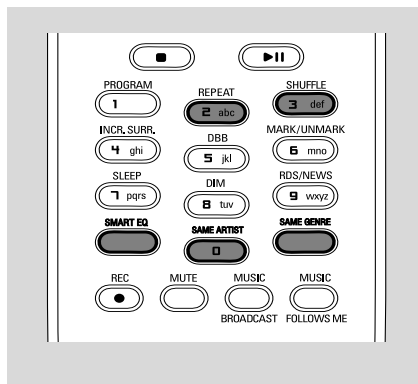
- ◀▶ – plays the current track continuously
- ◀▶◀▶ – repeats all the tracks (under current artist, genre or album)
- ◀▶◀▶◀▶ – repeats all the tracks (under current artist, genre or album) in random order
- ◀▶◀▶◀▶ – tracks (under current artist, genre or album) are played in random order

- 1 During playback, press once or more **REPEAT** or/ and **SHUFFLE** to select play modes
- 2 To return to normal playback, press **REPEAT** or **SHUFFLE** repeatedly until the various modes are no longer displayed.

## SMART EQUALIZER (for Station only)

This function enables you to playback music of current genre with the match sound settings.

- During playback, press **SMART EQUALIZER**
  - The icon appears if **SMART EQUALIZER** is activated
- To deactivate **SMART EQUALIZER**, adjust the sound settings (**DBB**, **Treble/Bass setting**, **Incr. Surr.** or **Equalizer**)
  - The icon disappears



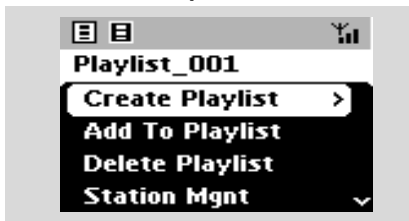


## Creating Playlist: custom collection of your favorite music

On Center's hard disk, you can create up to 99 playlists consisting of your favorite tracks in the desired sequence.

### To create a playlist

- 1 Press and hold **STOP • MENU** to enter the **MENU** screen (or on the remote control, press **MENU**)
- 2 Use the navigation controls ▲ or ▼ and ► to select **Create Playlist**  
→ A new playlist is created (a default playlist name, e.g. Playlist\_001, is assigned). Display shows: **"Playlist created. To add tracks, select "Add to Playlist"**



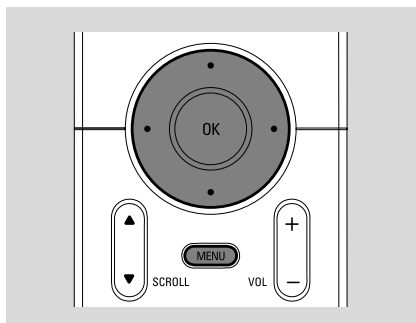
- 3 Use the navigation controls ◀ / ▶ / ▲ / ▼ to select/highlight the desired track (see **Selecting and searching**)
- 4 To select **Add to Playlist**,  
a. Press and hold **STOP • MENU** to enter the **MENU** screen  
b. In the **MENU** screen, use the navigation controls ▲ or ▼ and ► to select  
→ A list of playlists appears
- 5 Use the navigation controls ▲ or ▼ and ► to select the desired playlist  
→ Display shows: **Track(s) added to playlist**
- 6 Repeat steps 3, 4, 5 to select and store all desired tracks in this way.

### Helpful hints:

- You can also create your playlists on your computer via Philips Digital Media Manager (DMM). For details, see DMM's help file. Refer to the manual **Connect to your PC** to learn how to install DMM software.
- You can rename your playlists or edit the track information via DMM.

## Deleting a playlist, album or track

- 1 Use the navigation controls ▲ or ▼ and ► to enter a category (Playlist, Artists, Albums, Genres, All tracks)
- 2 If necessary, press ▲ or ▼ and ► once or more to enter the album/track list
- 3 Press ▲ or ▼ to highlight a selected playlist, album or track
- 4 To select **Delete Playlist, Delete Album** or **Delete Track**  
a. Press and hold **STOP • MENU** to enter the **MENU** screen  
b. In the **MENU** screen, use the navigation controls ▲ or ▼ and ► to select.
- 5 Press ▲ or ▼ and ► to select **Yes**



## Building music library on Center

By **Ripping CDs, Importing MP3/WMA tracks from PC** and **Recording from external source** you can build your music library on Center's hard disk.

### IMPORTANT!

- **Recording is permissible if copyright or other rights of third parties are not infringed upon.**
- **For CDs encoded with copyright protection technologies by some record companies, recording is restricted.**

### Ripping CDs

With **WAC5** Center, you can rip audio CD tracks from your pre-recorded CDs and store them as MP3 files in the Center's hard disk. The Gracenote® music recognition service enables your set to look up from its built-in database the CD track information (including album, artist, genre, track information). It allows the ripped CD tracks to be properly categorized (for example, under **Artists, Albums, Genres** or **All tracks**) and also merged with the existing tracks in the harddisk. To update your Gracenote® music recognition service database, see the manual **Connect to your PC**



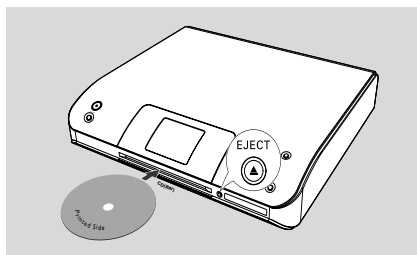
Music recognition technology and related data are provided by Gracenote®. Gracenote is the industry standard in music recognition technology and related content delivery. For more information, visit [www.gracenote.com](http://www.gracenote.com).

CD and music-related data from Gracenote, Inc., copyright© 2000-2005 Gracenote. Gracenote CDDB® Client Software, copyright 2000-2005 Gracenote. This product and service may practice one or more of the following U.S. Patents: #5,987,525; #6,061,680; #6,154,773, #6,161,132, #6,230,192, #6,230,207, #6,240,459, #6,330,593, and other patents issued or pending. Services supplied and/or device manufactured under license for following Open Globe, Inc. United States Patent 6,304,523.

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### To rip a disc at fast speed (default) (For audio CDs, MP3/WMA CDs)

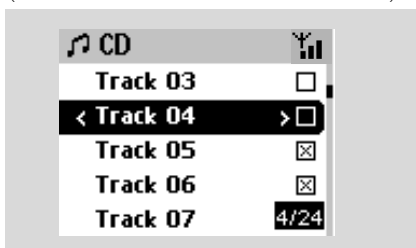
- 1 Insert a CD into Center's CD slot loader, with the printed side facing up



→ Display shows: **Reading CD.**

→ List of tracks appears

- **MP3/WMA:** To enter the track list, press ► on a highlighted file folder
- 2 In the screen of track list, press **RECORD**  
→ List of track checkboxes appears
- 3 Press **OK** to select or deselect the tracks to be recorded (or **MARK•UNMARK** on the remote control)
- To select/deselect all tracks, press and hold **OK** (**MARK• UNMARK** on the remote control)



- 4 To select **Rec quality**,
  - 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 **Settings** menu
  - c. In **Settings** menu, use the navigation controls ▲ or ▼ and ► to select
- 5 To start recording, press **RECORD**  
→ Display shows **CD-Rec** and the album name of the track being recorded.  
(a default album name, e.g. Album\_001, is assigned if the CD track information cannot be found in Center's built-in Gracenote® music recognition service database)



→ Center will return to **CD** mode when ripping is finished

→ All the functions are available at this time

- ⑥ To rip another CD, repeat the **step 1-5** above (Up to 8 CDs can be ripped consecutively)
- ⑦ To stop recording, press **STOP/■**

### To rip a disc during playback (for audio CDs only)

- During playback, press **RECORD**.
  - Recording and playback start from current track
- Or
- ① Follow the Step 1-3 under **To rip a disc at fast speed**
- ② Select **Normal speed** by
  - 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 **Settings** menu
  - c. In **Settings** menu, use the navigation controls ▲ or ▼ and ► to select **Rec speed**
  - d. Press ▲ or ▼ and ► to select
- ③ To start recording, press **RECORD**
  - Recording and playback start
  - Display shows the album name of the track being recorded



### Important!

- It takes some time to convert the ripped tracks into MP3 files.
- If power failure occurs during the conversion, you will lose all the ripped tracks not converted yet. **Switch Center to ECO POWER (power-saving mode) before removing its power plug from the wall outlet.**

### To find your ripped tracks

After MP3 conversion is completed, you can find and playback the ripped tracks in **Albums**

- ① Select **HD** source
- ② In **Albums**, use the navigation controls ▲ or ▼ and ► to enter the album of recorded tracks.
  - Only the completely ripped track can be found on Center's harddisk

### Importing MP3/WMA tracks from PC

The supplied PC Installer CD contains Digital Media Manager (DMM) software. It will help you organize the music files on your PC and import them to WAC5 Center. For details, see DMM's help file. Refer to the manual **Connect to your PC** to learn how to install DMM software.

### Recording from external source

A maximum of 3-hour recording can be made from the external source.

- ① Check the external device has been properly connected (See **Installation, Connecting an additional appliance**)
- ② In **AUX** mode, start playback from the external source (see **AUX**)
- ③ Press **RECORD**
  - Recording starts
- ④ To stop recording, press **STOP/■**.
  - The recording is saved as a file under **AUX** in **Albums**. A file name is given, e.g. Aux\_xx (where xx denotes a number)

### To find your recording

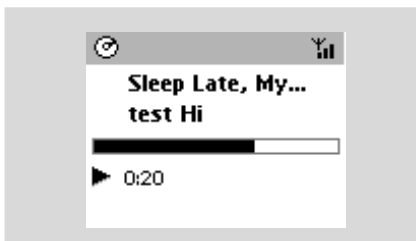
- ① Select **HD** source
- ② In **Albums**, use the navigation controls ▲ or ▼ and ► to enter **AUX**

### Helpful hints:

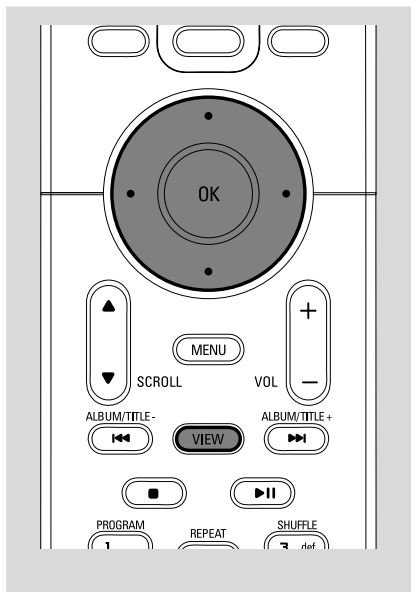
- You can edit your track information via DMM.

## Display track information

- 1 During playback, press **VIEW** on the remote control once or more to enter the playback screen  
→ The display shows:  
**on the top:** your HD option (e.g. Playlist, Artist)  
**in the middle:** current track name and some track information  
**at the bottom:** elapsed playing time



- 2 Press **▶**  
→ The display shows track information (e.g. track name, file type, file size, bit rate of mp3/wma files)
- 3 Press **VIEW** once or more to return to the playback screen



## Moving in your WiFi network of Center and Stations

Up to 5 Stations can be connected to WAC5 Center. Via Wi-Fi, music can be streamed between Center and Stations. Even in different places of your house, you and your family will enjoy and share music with ease.

### MUSIC FOLLOWS ME




As you move around at home, let music move around you, between **Center** and **Station** or between **Station** and **Station**.

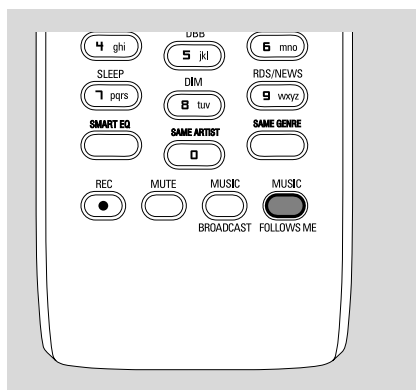
**On the first unit (Center or Station), where music will leave:**

- 1 During HD playback, select the album or playlist you wish to play on the second unit (see **Selecting and searching, Selecting a different album or track**)
- 2 To start playback from the selected point on the second unit, press **OK** to pause playback on that point (or **▶▶** on the Center's remote control; **||** on the Station's remote control)
- 2 Press **MUSIC FOLLOWS ME** to activate  
→ The icon appears.
- 3 To deactivate **MUSIC FOLLOWS ME**, press **MUSIC FOLLOWS ME** again or other functional keys (e.g. **SLEEP**, **◀** / **▶** / **▲** / **▼**)
- 4 **MUSIC FOLLOWS ME** will be automatically deactivated if you do not activate **MUSIC FOLLOWS ME** on the second unit within 5 minutes

**On the second unit (Center or Station), where music will continue**

- 4 Check you have switched the second unit on or to standby mode (see **Basic functions, Switch on/to standby and selecting functions**)

- 5 Press **MUSIC FOLLOWS ME**
- **MUSIC FOLLOWS ME** will be automatically deactivated if you do not activate **MUSIC FOLLOWS ME** on the second unit within 5 minutes
  - Selected music stops on the first unit and continues on the second unit. The icon  disappears
  - Selected play modes (e.g. , ) are retained on the second unit (see **Different play modes: REPEAT, SHUFFLE**)
- 6 To stop **MUSIC FOLLOWS ME**, press **STOP/■** on the second unit



### Helpful hints:

- After **MUSIC FOLLOWS ME** is activated on the second unit, on the first unit:
- make sure the first unit is switched on or to standby mode
  - you can select other tracks or source for playback


## MUSIC BROADCAST

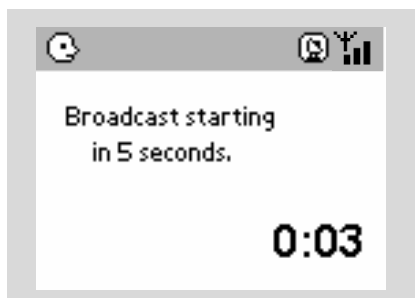
**MUSIC BROADCAST** allows you to broadcast music from **Center** to **Station(s)**.

### On Station(s)

- 1 Check you have switched the Station(s) on or to standby mode (see **Basic functions, Switch on/to standby and selecting functions**)

### On Center

- 2 During HD playback, select the album or playlist you wish to broadcast to Station(s)
- 3 Press **MUSIC BROADCAST** to activate
  - The icon  appears on Center and Station(s). 5-second countdown starts



→ **On Center and Station(s):** Selected music plays simultaneously several seconds after the 5-second countdown

→ If connection fails on a Station, the Center will try to re-establish the connection on the next track

- 4 For a station to exit **MUSIC BROADCAST**, press **STOP/■** on the Station
- To broadcast music to the station again, you have to stop **MUSIC BROADCAST** on Center and then, activate **MUSIC BROADCAST** again on Center
- 5 To stop **MUSIC BROADCAST**, press **STOP/■** on the Center

**Helpful hints:** **MUSIC BROADCAST** will also stop when:

- you switch Center to Standby or Eco power;
- the selected album or playlist has reached the end.

## Station management

### Adding a station

You can add a station to an existing Wi-Fi network of Center and Station. Up to 5 stations can be connected to a WAC5 Center.

#### On Center

- 1 Switch on WAC5 Center and select **HD** source
- 2 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 new station starts
    - Playback stops on the previously associated Station if you are playing the HD source

#### On Station

- 3 Connect the new station to power supply
- 4 Select **AUX** mode and enter **Installation Mode** by:
  - a. Press **MENU**
  - b. Use the navigation controls ▲ or ▼ and ► to select **Installation Mode**

#### On Center

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

#### Helpful hints:

– To change your setting of Wi-Fi connection, see the manual **Connect to your PC**.

### Deleting a station

- 1 Switch on WAC5 Center and select **HD** source
- 2 To select **Delete 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
    - The Center's display shows the list of connected stations
- 3 Press ▲ or ▼ and ► to select the station you wish to delete
- 4 Press ▲ or ▼ and ► to select **Yes**

### Viewing station status

- 1 Switch on WAC5 Center and select **HD** source
- 2 To select **Station Status** on Center
  - a. Press **MENU** on the remote control
  - 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
    - On the Center's display shows the list of stations connected or ever connected
- 3 Press ► to view the connection information

## Information about your WACS57

- 1 Switch on WAC5 Center (or WAS700 Station) and select **HD** source.
- 2 To select **Information** on Center or Station
  - 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 **Information** menu
    - The display shows: the name of Center or Station, firmware version and free harddisk space (for Center only)

## Firmware

### Upgrading firmware

The supplied PC Installer CD contains Digital Media Manager (DMM) software. It will help you get the upgrades for WACS Center. For details, see DMM's help file. Refer to the manual **Connect to your PC** to learn how to install DMM software.

### Restoring previous firmware

After the Center's firmware is upgraded, you can restore it to its previous version as desired.

- ① In Center's HD mode, press and hold **STOP • MENU** (or on remote control, press **MENU**)
- ② Use the navigation controls ▲ or ▼ and ► to enter **Settings** menu
- ③ Press ▲ or ▼ and ► to select **Firmware**
- ④ Press ▲ or ▼ and ► to select **Restore firmware**
- ⑤ Press ▲ or ▼ and ► to select **Yes**

### Re-establishing Wi-Fi connection

After upgrading or restoring the Center's firmware, you need to re-establish the Wi-Fi connection between Center and Stations.

#### On Center,

- Select **HD** mode and then, enter **Installation Mode** by:
  - a. Press and hold **STOP • MENU** (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 **Add New Station**
- Searching for Stations starts

#### On the Stations,

- Select **AUX** mode and enter **Installation Mode** by:
  - a. Press **MENU**
  - b. Use the navigation controls ▲ or ▼ and ► to select **Installation Mode**

#### On Center,

- Press **STOP ■** to exit **Installation Mode** when Center has found all the stations

# CD (on Center only)

## Discs for playback

With this system, you can play

- all pre-recorded audio CDs (CDDA)
- all finalized audio CD-Rs and CD-RWs (12cm CD and 8cm 185 or 200 MB CD)
- MP3/WMA-CDs (CD-Rs/CD-RWs with MP3/WMA files)



### IMPORTANT!

- This system is designed for regular discs. Therefore, do not use any accessories such as disc stabilizer rings or disc treatment sheets, etc.

## About MP3/WMA

The music compression technology MP3 (MPEG1 Audio Layer 3) and WMA (Windows Media Audio) significantly reduces the digital data of an audio CD while maintaining CD quality sound.

**Windows Media Audio® is a registered trademark of Microsoft Corporation.**

### Supported formats:

- Disc format ISO9660, Joliet, UDF (created on Adaptec Direct CD v5.0 and Nero Burning ROM UDF v5.5) and multi-session CDs
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate.
- 12-cm 650Mb and 700Mb CD-R/ CD-RWs
- Directory nesting up to a maximum of 8 levels
- WMA v8 or earlier (max. 192Kbps cbr)

### The system will not play or support the following:

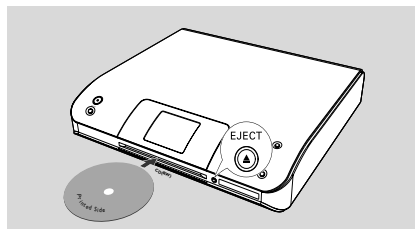
- Empty albums: an empty album is an album that does not contain MP3/WMA files, and will not be shown in the display.
- Non-supported file formats are skipped. This means that e.g.: Word documents .doc or MP3 files with extension .dlf are ignored and will not be played.
- DRM protected WMA files
- WMA files in Lossless or VBR format

### IMPORTANT!

- Make sure that the file names of MP3 files end with .mp3.
- For DRM protected WMA files, use **Windows Media Player 10 (or later)** for **CD burning/conversion**. Visit [www.microsoft.com](http://www.microsoft.com) for details about **Windows Media Player** and **WM DRM (Windows Media Digital Rights Management)**.

## Playing discs

- 1 Check the Center is switched on or to standby (See **Basic functions, Switching on/to standby and selecting functions, Switching to Eco power/ on**)
- 2 Insert a CD/CD-R(W) into Center's CD slot load, with the printed side facing up
- 3 Make sure you have removed any other disc from the CD slot loader:



→ **Reading CD** is displayed as the player scans the contents of a disc

→ **Audio CD**: the list of tracks appears (track information appears if it is available after the lookup of Gracenote Music Recognition Service database)

→ **MP3/WMA**: the list of albums appears

### Helpful hints:

- If you have not organized MP3/WMA files into any albums on your disc, an album **"Others"** will be automatically assigned for all those files.
- If the disc contains both audio CD tracks (CDDA) and MP3/WMA files, **"CDDA"** will be automatically assigned for all the audio CD tracks
- **"All tracks"** is shown as an album for MP3/WMA CD



- 3 Press once or more the navigation controls ▲ or ▼ and ► to select a track
- 4 Press **OK** (or ►) to start playback, if necessary.
- **MP3/WMA:** Press **OK** on a highlighted album to start playback of the album (or ► **II** on Center's remote control; the Play key ► on Station's remote control)
- **MP3/WMA:** Press **OK** on the highlighted album **All tracks** to start playback of all the tracks on the disc (or ► **II** on Center's remote control; the Play key ► on Station's remote control)
- 5 To pause playback, press **OK** (or ► **II** on Center's remote control; **II** on the Station's remote control). To resume playback, press the button again (the Play key ► on Station's remote control)
- 6 To stop playback, press **STOP ■**
- 7 To remove the disc, press **EJECT** on Center

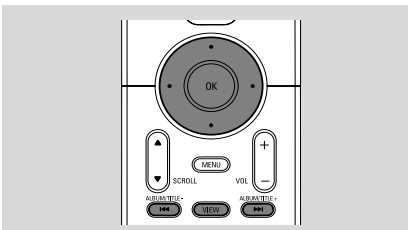
## Selecting and searching

### Selecting a different album/track

- 1 If necessary, repeatedly press ◀ to enter previous option lists
- 2 Repeatedly press the navigation controls ▲ or ▼ and ► to select the desired album or track
- 3 Press **VIEW** to return to the playback screen, if necessary

### To select a different track (in current album) during playback

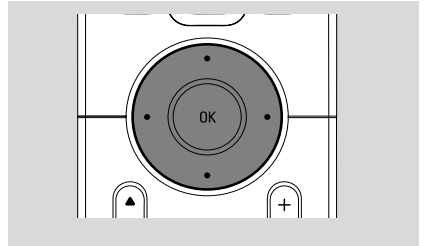
- In the playback screen, briefly and repeatedly press the navigation controls ▲ or ▼ to select previous or next tracks (or ◀◀ or ▶▶ on Center's remote control; ◀, ▶ on Station's remote control)



### Using the fast skip ▲ or ▼

Use this function to find an option (e.g. an album or a track) in a long option list.

- Press and hold the navigation controls ▲ or ▼ in the long option list
  - You will skip the options faster and faster
  - At the high speed skip, the initial letter of current options appears for easy identification







### Finding a passage within a track during playback

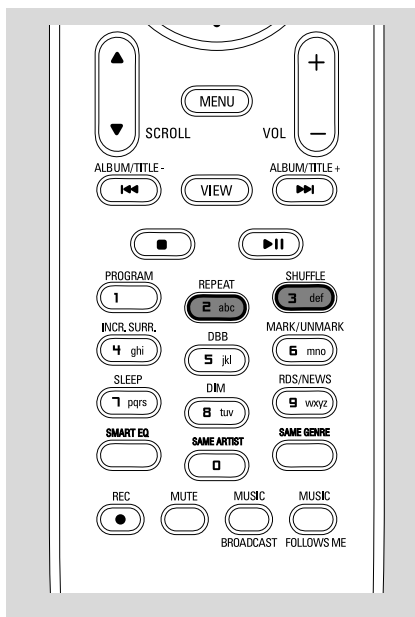
- 1 In the playback screen, press and hold the navigation controls ▲ or ▼ (or ◀◀ or ▶▶ on Center's remote control; ◀◀ ▶▶ on Station's remote control)
  - The CD plays silently at a high speed
- 2 When you recognize the passage you want, release ▲ or ▼ (or ◀◀ or ▶▶ on Center's remote control; ◀◀ ▶▶ on Station's remote control)
  - Normal playback resumes

# CD (on Center only)

## Different play modes: REPEAT, SHUFFLE

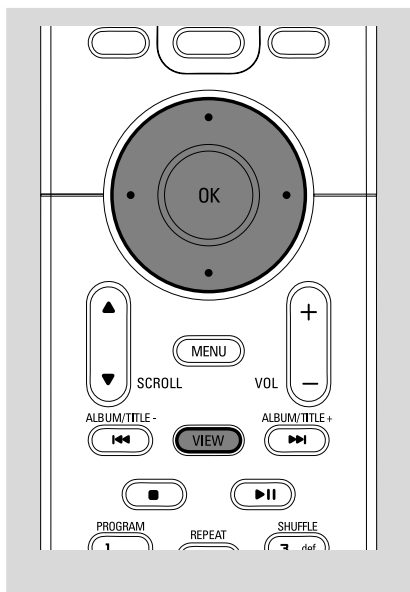
-  – plays the current track continuously
-  – repeats all the tracks (under current album)
-  – repeats all the tracks (under current album) in random order
-  – tracks (under current album) are played in random order

- 1 During playback, press once or more **REPEAT** or/ and **SHUFFLE** to select play modes
- 2 To return to normal playback, press **REPEAT** or **SHUFFLE** repeatedly until the various modes are no longer displayed



## Display track information

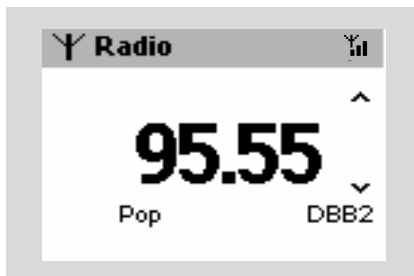
- 1 During playback, press **VIEW** once or more to enter the playback screen
  - The display shows:
    - on the top:** CD
    - in the middle:** current track name and some track information
    - at the bottom:** elapsed playing time
- 2 Press **▶**
  - The display shows track information (e.g. track name, file type, file size, bit rate of mp3/wma files)
- 3 Press **VIEW** once or more to return to the playback screen



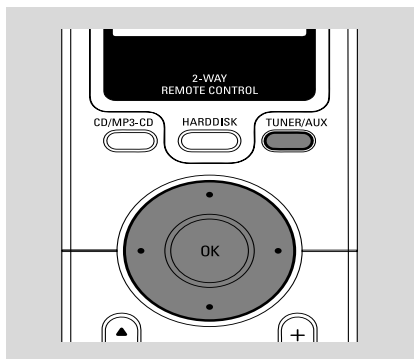
# FM radio (on Station only)

## Tuning to radio stations

- 1 Check the set is switched on or to standby (See **Basic functions**)
- 2 Press **SOURCE** once or more to select **Radio** (on the remote control, press **TUNER/AUX** once or more)
  - Playback screen appears. Display shows: **Radio**, radio station frequency and If programmed, a preset number



- 3 Press and hold ▲ or ▼ until the frequency in the display starts running
    - The radio automatically tunes to a station of sufficient reception. Display shows **searching** during automatic tuning
    - If a station is received in stereo, is shown
  - 4 Repeat step 3 if necessary until you find the desired radio station
- To tune to a weak station, press ▲ or ▼ briefly and repeatedly until optimal reception is found



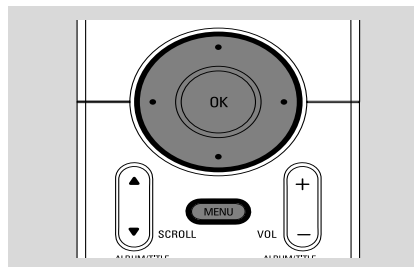
## Storing preset radio stations

You can store up to 40 preset radio stations in the memory.

### Autostore: automatic programming

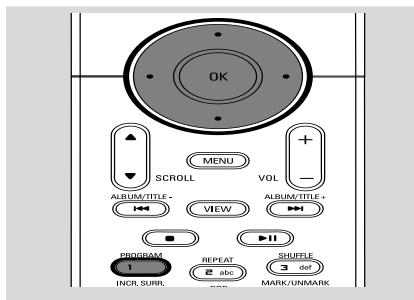
Autostore automatically starts programming radio stations from preset 1. Available stations are programmed in the order of radio frequencies.

- To select **Autostore radio**,
  - a. Press **MENU**
  - b. Use the navigation controls ▲ or ▼ and ► to select
    - Display shows: **Autostore Please wait...**
    - After all stations are stored, the first autostore preset station will then automatically play



### Manual programming

- 1 Tune to your desired radio station (see **Tuning to radio stations**)
- 2 On the remote control, press **Program** to store the station
  - The station is stored in the 1st vacant preset position. Display shows its preset number
- 3 Repeat steps 1-2 to store other stations



### Helpful hints:

- If you store more than 40 stations, the new station will replace the 1st preset station.

## To listen to a preset station

- 1 Press ◀ to enter the list of presets

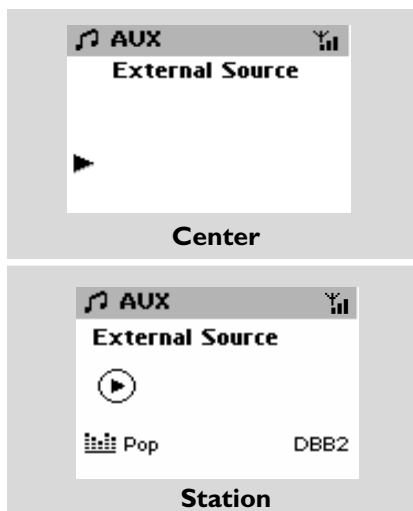


- 2 Use the navigation controls ▲ or ▼ and ▶ to select the desired station

## AUX (Listening to an external source)

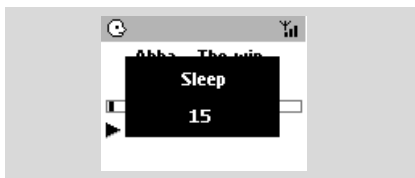
You can listen to the sound of the connected external device through your Center or Station.

- 1 Check the external device has been properly connected (See **Installation, Connecting an additional appliance**)
- 2 Check the set is switched on or to standby (See **Basic functions**)
- 3 Press **SOURCE** once or more to select **AUX** (on the remote control, press **TUNER/AUX**)
- 4 Press the **PLAY** key on the connected device to start playback.
- 5 To adjust the sound and volume, use the sound controls on your external device or WAS700 Station



## SLEEP

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

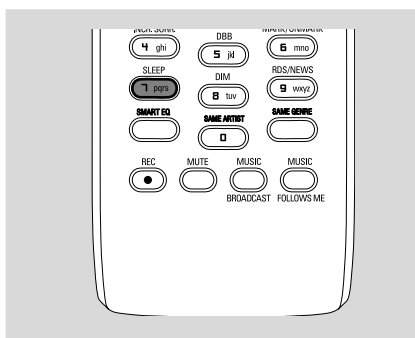


- 1 On the remote control, press **SLEEP** repeatedly to select the desired time period options (in minutes):  
 → Display shows in sequence: **Sleep 15, 30, 45, 60, 90, 120, Off**  
 → Display shows the selected option briefly and returns to its previous status. The icon **Z** appears
- 2 To view the 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, Switching on/to standby and selecting functions, Switching to Eco power/ on**)
- 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, French, Spanish, Dutch, Italian and German**
  - 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, select **AUX** mode and enter **Installation Mode** by:
  - a. Press **MENU**.
  - b. Use the navigation controls ▲ or ▼ and ► to select **Installation Mode**
  - The Stations start to connect Center

### If a Station is reset and the Center is not:

- On the Center, select **HD** mode and then, enter **Installation Mode** by:
  - a. Press and hold **STOP • MENU** to enter the **MENU** screen (or on the 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 **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 **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

WAC5 .....	120V $\pm 10\%$ (max. 110W)
WAS700 .....	120V $\pm 10\%$ (max. 55W)

## Power consumption

### Active

WAC5 .....	< 15W
WAS700 .....	< 25W

### Standby

WAC5 .....	< 13W
WAS700 .....	< 14W

### Eco Power Standby

WAC5 .....	< 1W
WAS700 .....	< 1W

### Dimensions (w x h x d)

WAC5 .....	360 x 70 x 326mm
WAS700 .....	360 x 283 x 128 mm

### Weight

WAC5 .....	4.0 kg
WAS700 .....	4.2 kg

## LINE OUT (WAC5 only)

Output level .....	500mV( $\pm 1.5$ dB)
Output impedance .....	3.5k $\Omega$
Distortion .....	$\leq 0.5\%$
Channel difference .....	$\leq 3$ dB
Channel separation .....	$\geq 60$ dB
S/N ratio .....	$\geq 76$ dBA (IEC)

## Amplifier (WAS700 only)

### Output power

WAS700 .....	RMS 2 x 4W + 1 x 8W
--------------	---------------------

### Frequency response .....

50-16,000Hz, - 3dB
--------------------

### S/N ratio .....

$\geq 72$ dBA (IEC)
---------------------

### Input sensitivity

AUX/CDR IN .....	500mV/1V
------------------	----------

### Output

### Impedance speakers

(WAS700) .....	$\geq 6 \Omega$ (Panel) $\geq 12 \Omega$ (Subwoofer)
----------------	--

### Impedance headphones .....

32 $\Omega$ -150 $\Omega$
---------------------------

## 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)

## Tuner (WAS700 only)

### Wave range

FM .....	87.5-108 MHz
----------	--------------

### Number of presets .....

40x
-----

### FM Antenna/cable .....

COAX / T-antenna (75 $\Omega$ IEC-connector)
--

## HDD/CD player (WAC5 only)

### Frequency range .....

30-18000 Hz, -3 dB
--------------------

### S/N ratio .....

$\geq 72$ dBA (IEC)
---------------------

### MPEG 1 Layer 3 (MP3-CD) .....

MPEG AUDIO
------------

### MP3-CD bit rate .....

32-256 kbps, VBR, 128 kbps advised
------------------------------------

### WMA bit rate .....

up to 160kbps
---------------

### Sampling frequencies .....

32, 44.1, 48 kHz
------------------

### HDD Storage capacity (WAC5 only) .....

80GB*
-------

### Recording quality .....

128kbps or 160kbps
--------------------

### Recording speed .....

1x, 4x
--------

\* Actual formatted capacity will be less

**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
<b>Wi-Fi connection:</b> <p><b>During the first-time setup, Station's display shows "Searching for Center"</b></p> <p><b>I get interference on my wireless (Wi-Fi) link between center and station.</b></p> <p>The WACS 5 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. 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> <p><b>Remote control:</b></p> <p><b>When I am using the Center's 2-way remote control, it starts to show "connecting to Center" on the display endlessly.</b></p> <p>When you read this message on the 2-way remote control, there could be the following interference on your remote control:</p> <ol style="list-style-type: none"> <li>1) interference signals from the Plasma TV screen (if this device is turned on);</li> <li>2) conflicting IR signals from a nearby Station</li> </ol>	<ul style="list-style-type: none"> <li>✓ Check you have placed the Center and Station side by side on a flat and firm surface.</li> <li>✓ Check you have connected the Center to power supply.</li> <li>✓ When adding a new station, check your center is in <b>Installation mode</b> (See <b>HD, Station management</b>).</li> <li>✓ Turn off the wireless router nearby if there is difficulty in connecting your Center and Station.</li> </ul> <p>If you are playing the set, stop playback and take the appropriate measures as follows:</p> <ul style="list-style-type: none"> <li>✓ Keep the Center or Station at least 3 meters away from such devices.</li> <li>✓ 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 <b>Option 2</b> in <b>Connect to your PC</b>.</li> <li>✓ 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 <b>Connect to your PC</b>.</li> <li>✓ If possible, change the operating channels of the other Wi-Fi devices at your home.</li> <li>✓ Turn the devices in different directions to minimize interference.</li> </ul> <ul style="list-style-type: none"> <li>✓ Check your plasma TV is turned off.</li> <li>✓ Check you have placed two IR operated devices (Station) in separate rooms wherever possible.</li> </ul>



## Stations react when you operate Center's remote control

### x flashes on the sychro display of Center's remote control

### After the set is switched on, nothing appears on the synchronous display of Center's remote control

### The remote control does not function properly.

## CD

### "No Disc"/"Cannot read CD" is displayed

### Sound cannot be heard or is of poor quality.

### The disc skips tracks

### Sound skips during MP3/WMA playback

- ✓ Center's remote control is powerful enough to operate several Stations within certain distance or angle. Check you have placed the Stations in different rooms or place Stations in different angles.
- ✓ Use Station's remote control or the controls on the set.
- ✓ Signal error. Check you have pointed the remote control toward the IR area of the set you wish to operate.
- ✓ You switched on the set by using the control on the set instead of center's remote control. Press **REFRESH** on center's remote control to synchronize its display.
- ✓ Remove the protective plastic tab before using the Station's remote control.
- ✓ Reduce the distance between the remote control and the set.
- ✓ Insert the batteries with their polarities (+/- signs) aligned as indicated.
- ✓ Replace the batteries.
- ✓ Point the remote control directly towards the IR sensor.
- ✓ Insert a suitable disc.
- ✓ Check if the disc is inserted with graphics facing front.
- ✓ Wait until the moisture condensation at the lens has cleared.
- ✓ Replace or clean the disc, see "Maintenance".
- ✓ Use a finalized CD-RW or CD-R.
- ✓ Adjust the volume in the connected audio system.
- ✓ Disconnect the headphones on the Station
- ✓ Switch off MUTE on the Station
- ✓ Replace or clean disc.
- ✓ Switch off SHUFFLE.
- ✓ MP3 file made at compression level exceeding 320kbps. Use a lower compression level to rip audio CD tracks.
- ✓ Replace or clean disc.

## Tuner

### Radio reception is poor

#### **There will be interference on the radio reception whenever my Station is near the PC.**

Such interference happens to most of the built-in tuner product.

## Wall mounting

### How do I mount the Station onto walls?

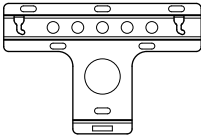
- ✓ If the signal is too weak, adjust the antenna or connect an external antenna for better reception.
- ✓ Increase the distance between the set and your TV or VCR.
- ✓ Install the supplied FM wire antenna for better reception.
- ✓ Keep your Station at least 1 meter away from PC.
- ✓ Use the by-packed wall mounting kits. It is recommended you get a qualified person to fix the mounting brackets safely onto your walls before you mount the Station. For details, refer to the **Appendix : How to mount your Station onto Walls**

## How to mount your Station onto walls

### IMPORTANT!

- The wall mounting instructions are for the use of the qualified wall mounting person only!
- Ask a qualified person to help you with the wall mounting, which includes drilling holes on the wall, fixing the mounting bracket to the wall, and mounting the set onto the bracket.

### What's in the supplied mounting kit



1 x mounting bracket



2 x screws (for Station mounting)

### What else you'll need

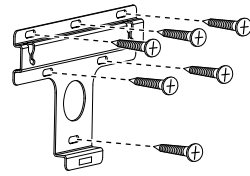
- 6 x screws for fixing the Station's bracket
- Drilling tools (e.g. electric drill)

### Preparation

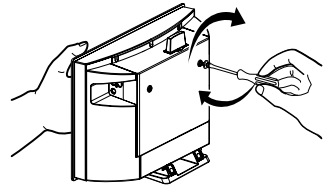
- To find a suitable location for mounting, try your necessary rear connections and the Wi-Fi connection between Center and Station (see the chapter **Installation**).
- Ask a qualified person to help you with the wall mounting, who should:
  - to avoid unexpected damage, learn about the piping, wiring and other relevant information inside your walls;
  - according to your walls' materials, decide what type of screws you need to fix the mounting brackets and hold the weight of a Station;
  - according to the drilling requirements, choose suitable drilling tools;
  - take other precautions necessary for the wall mounting work.

### Mounting your Station

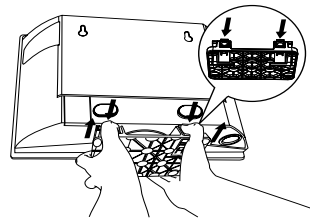
- 1 Align the bracket in the chosen location on a wall. Use a pencil to mark the drilling positions



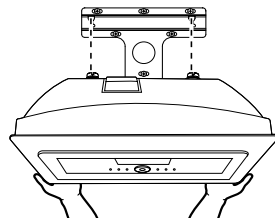
- 2 Drill holes as marked
- 3 Fix the brackets to the wall using suitable screws (not supplied)
- 4 As shown, fasten the supplied screws to your Station using a screwdriver



- 5 To detach the stand from Station,
  - a. As shown, hold down the **Lock•unlock** buttons
  - b. Move out the stand to detach



- 6 As shown, hook and mount Station in place



## PHILIPS LIMITED WARRANTY

### One (1) Year Labor and Parts Repair (Facility)

**PHILIPS CONSUMER ELECTRONICS** warrants this product against defect in material or workmanship, subject to any conditions set forth as follows:

#### PROOF OF PURCHASE:

You must have proof of the date of purchase to receive warranted repair on the product. A sales receipt or other document showing the product and the date that you purchased the product as well as the authorized retailer included, is considered such proof.

#### COVERAGE:

(If this product is determined to be defective)

**LABOR:** For a period of one (1) year from the date of purchase, Philips will repair or replace the product, at its option, at no charge, or pay the labor charges to the Philips authorized repair facility (see warranty service phone numbers in next column). After the period of one (1) year, Philips will no longer be responsible for charges incurred.

**PARTS:** For a period of one (1) year from the date of purchase, Philips will supply, at no charge, new or rebuilt replacement parts in exchange for defective parts. Philips authorized repair facility will provide removal and installation of the part under the specified labor warranty.

#### EXCLUDED FROM WARRANTY COVERAGE

Your warranty does not cover:

- 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.
- 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.
- Damage occurring to product during shipping when improperly packaged or cost associated with packaging.
- Product lost in shipment and no signature verification of receipt can be provided.
- A product used for commercial or institutional purposes (including but not limited to rental purposes).
- Products sold AS IS or RENEWED.

#### SHIP-IN WARRANTY

For Ship-In warranty repair, ship the product to a Philips authorized service facility for repair in its original carton and packing material. If you do not have the original carton or packing material, have your product professionally packed for shipping. Ship product via a traceable carrier. When it is necessary for you to ship the product to Philips for repair, you will pay the shipping cost for shipment to Philips. Philips will pay the shipping costs when returning the product to you.

#### TO OBTAIN WARRANTY SERVICE 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 WARRANTY SERVICE IN CANADA...

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

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Some states do not allow the exclusions or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. In addition, if you enter into a service contract agreement with the PHILIPS partnership within ninety (90) days of the date of sale, the limitation on how long an implied warranty lasts does not apply.

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

Philips, P.O. Box 671539, Marietta, GA. 30006-0026

(Warranty: 4835 710 27100)