## Wireless Music Station





# THANKYOU FOR CHOOSING PHILIPS! **NEED HELP FAST?**

Read your Quick-Use guide and/or owner's manual first for quick tips that make using your Philips product more enjoyable. If you have read your instructions and still need assistance,

you may access our online help at www.usasupport.philips.com or call **1-888-PHILIPS(744-5477)** while with your product, (and model/serial number).

User manual

Manuel d'utilisation

### Manual del usuario





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

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

## \*Proof of Purchase

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

## \*Product Safety Notification

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

### \*Additional Benefits of Product Ownership

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

# Know these **safety**symbols





This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical

shock. For the safety of everyone in your household, please do not remove product covering.

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

### For Customer Use

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

Model No.

Serial No.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

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



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

Operation is subject to the following two conditions: 1. this device may not cause harmful interference, and 2. this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.



These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

#### LGPL Library written offer

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

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

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

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

#### **GPL Package written offer**

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

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

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.

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#### Canada

**English:** (Canadian ICES-003) 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: (La norme NMB-003 du Canada) Cet appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le Règlement sur le Brouillage Radioélectrique édicté par le Ministère des Communications du Canada.

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# IMPORTANT SAFETY INSTRUCTIONS

ntning

English

- 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 **Plug** 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.



Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is

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

- **13. Unplug this apparatus** during lightning storms or when unused for long periods of time.
- **14. Refer all servicing** to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15. Battery usage CAUTION To prevent battery leakage which may result in bodily injury, property damage, or damage to the unit:

Install **all** batteries correctly, **+** and **-** as marked on the unit.

Do not mix batteries (**old** and **new** or **carbon** and **alkaline**, etc.).

Remove batteries when the unit is not used for a long time.

- 16. Apparatus shall not be exposed to dripping or splashing.
- 17. Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).
- 18. This product may contain lead and mercury. Disposal of these materials may be regulated due to environment considerations.

For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org.

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

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

#### About WAS700

Up to 5 **WAS700** Stations can be connected to a **WAC700** Center:

On **WAC700**'s hard disk, you can centrally store audio CDs. All the stored music can be wirelessly streamed, via Wi-Fi\*\*, from Center to connected Stations. No need to be bound to your CD player or PC etc., or be troubled by the wiring. With **WACS700**, you can easily listen to your favourite music around your home.

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

#### CAUTION

Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

#### CAUTION

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

#### Supplied accessories

- Station's remote control with 1 x CR2025 battery
- 1 x FM wire antenna
- 1 × Mounting kit (for Station)

### **Philips on-line support**

Philips products have been designed and manufactured to the highest quality standards. If your Philips Connected Planet product 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 Connected Planet support: **www.philips.com/support** offers you all information you need to optimally enjoy your product, and about new additions to this exciting range, to make your home entertainment experience even more enjoyable.

Please visit: **www.philips.com/support** and enter your product name (**WACS700**) to view:

- FAQ (Frequently Asked Questions)
- Latest user manuals and PC software manuals
- Firmware upgrade files for **WACS700**
- Latest PC software downloads
- Interactive troubleshooting

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

Enjoy your WACS700!

#### 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.

#### Disposal of your old product

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

When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC



Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

#### Maintenance

#### **Cleaning the Sets**

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

#### 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 selflubricating bearings and must not be oiled or lubricated.

# Controls on the Station (front

#### (1) SAME ARTIST

panel)

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

#### VIFW

toggles playback display and previous option list

#### 

HD: lights up green when streaming is activated between Center and 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
- In standby mode: activates/ deactivates the demostration mode (press and hold the button for 5 seconds)

#### (8) ◀ / ▶ / ▲ / ▼

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

English

#### 4

- 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

#### / OK

confirms selection

#### OK

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 mode or on

### 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) U
- press briefly to switch the set to standby mode
- press and hold to switch the set to Eco Power mode or on

#### ③ ▶

HD: starts playback

#### П

HD: pauses playback

#### ④ ■

stops playback

- In standby mode: activates/ deactivates the demostration mode (press and hold the button for 5 seconds)
- (5) ▲ / ▼ Scroll
- scroll the display screen upward or downward

#### 6 View

- toggles playback display and previous option list
- 7 Repeat
- selects random playback

#### Shuffle

- selects continuous playback
- 8 VOL +, -
- adjusts the volume level
- (9) Sleep
- ajusts/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 betweenCenter and Station or between Station 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
- Radio: selects RDS information
- HD/AUX: turns NEWS function on or off
- 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: 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

#### ► / OK

confirms selection

#### 20 ◀◀ / ▶▶

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

#### (21) (◀, ►)

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

#### 22 MUTE

switches the sound off temporarily

# Installation



AC power cord

#### **Placing Station**

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



(on walls without stands)

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

#### **IMPORTANT!**

 Before you decide where and how to place your Center and Station, try the following rear connections and Wi-Fi connection to find a suitable location.
 Keep your Center and Station away from the source of interference (microwave ovens, DECT phones, bluetooth devices, cordless phones, other Wi-Fi products, etc.)

#### **Rear connections**

#### Warning:

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



Extend the wire antenna and fit it to FMANTENNA as shown below.



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



# Installation

- Englisł
- 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).
- In 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.

- 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.
- Connect the other end of the audio cables to the AUDIO OUT terminals of the additional appliance.



#### Helpful hints:

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.

#### Using AC power

- Make sure all the connections have been made before switching on the power supply.
- 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.

English

# Setting up Wi-Fi connection between Center and Station

You can add a station to an existing Wi-Fi network of Center and Station. Up to 5 WAS700 stations can be connected to a WAC700 Center.

Switch on WAC700 Center and select HD source

To select Add New Station on Center a. Press MENU.

b. Use the navigation controls ▲ or ▼ and ► to enter **Station Mgnt** menu

c. In **Station Mgnt** 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

Connect the new station to power supply
 → On the Center 's display shows the number of stations found

Press STOP/ on the Center when all the stations are found

#### Helpful hints:

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

#### 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.

- Adjust the location of your Center and Station according to the reception status of Wi-Fi signals.
  - indicates maximum reception
  - indicates minmum reception

 WACS700 do not support range expander devices

#### If there is interference from neighborhood, such as the pause during playback, the sets' slow response to your operation

 Keep the Center or Station at least 3 meters away from microwave ovens, DECT phones, bluetooth devices (e.g. headphones, a computer mouse), wireless access points (e.g. routers), cordless phones, Wi-Fi compatible printers and PDAs, etc..

 Use the WEP\* key when connecting your Center and Station to an existing wireless PC network. See the manual Connect to your PC.

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

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

 Turn the above devices in different directions to minimize interference.

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

#### Deleting a station

Switch on WAC700 Center and select HD source

To select Delete Station on Center a. Press MENU.

b. Use the navigation controls ▲ or ▼ and ► to enter **Station Mgnt** menu

c. In Station Mgnt menu, use the navigation

controls  $\blacktriangle$  or  $\blacktriangledown$  and  $\blacktriangleright$  to select

➔ On the Center's display shows the list of connected stations

- I Press ▲ or ▼ and ► to select the station you wish to delete
- ④ Press ▲ or ▼ and ► to select Yes

#### Using the remote control

WA**CS**700 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!**

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



 Always point the remote control directly towards IR area on the Center or Station you wish to operate.

#### Using Center's remote control

By default, Center's remote control works with

# Center only. To operate Station using Center's remote control,

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



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.

#### **IMPORTANT!**

 Center's remote control will return to its default setting (works with Center only) when you insert new batteries into it.

 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.

 Some functional keys on Center's remote control are exclusively used for Center (for example, CD/MP3-CD, MARK/UNMARK, MUSIC BROADCAST etc.)

To replace the remote controls' batteries

- Press and hold < as indicated.</p>
- ② Simultaneously, pull the battery tray at ▼.
- 8 Remove the old battery and put a new CR2025 battery in place.
- Out 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 the navigation controls

When selecting options on the set's screen, you often need to use the navigation controls  $\blacktriangleleft$  /  $\blacktriangleright$ 

- /▲/▼.
- $\blacksquare$  Press  $\blacktriangle$  /  $\blacktriangledown$  to highlight an option.
- 2 Enter its submenu by pressing ▶.
- ④ Press OK or ► to confirm



# **Basic functions**

# Switching to standby/on and selecting functions

- When the set is on, press STANDBY-ON/ ECO POWER to switch it to standby (or on the remote control)
  - → Display shows GoodBye. Then,

Station: → The PHILIPS screen dims out

To switch on, press STANDBY-ON/ ECO
 POWER on the set
 → The set switches to the last source selected.
 OR
 On the remote control, press the source button

(e.g. TUNER/AUX, Center).

To select your function, press SOURCE once or more on the set (or Center, TUNER/AUX on the remote control)

#### Switching to Eco power/ on

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

- When the set is on, press and hold STANDBY-ON/ ECO POWER to switch it to Eco power (or 𝔅 on the remote control).
   → The display is switched off.
- To switch on, press and hold STANDBY-ON/
   ECO POWER (or 𝔅 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 and language, the tuner presets, and the volume level (maximum: the moderate level) will be retained in the set's memory.



#### Auto-standby

 When the set has reached the end of playback/ recording and remains in the stop position for more than 5 minutes, the set will switch to standby automatically to save power.

#### Volume control

Check the playback starts.

Adjust the volume with VOL +/- buttons.
 Display shows the volume bar, indicating the volume level.



#### MUTE

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

- Press MUTE to switch off the sound.
   The icon (1) appears. Playback continues without sound.



# **Basic functions**

#### Sound control

#### Equalizer

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

- Press MENU to enter the MENU screen
- 2 Use the navigation controls ▲ or ▼ and ▶ to select Equalizer
- Press ▲ or ▼ and ► to select Rock, Pop, Jazz, Neutral (default), Techno or Classical
- 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 **Bass/Treble** options:
- Press MENU to enter the MENU screen
- 2 Use the navigation controls ▲ or ▼ and ► to select Equalizer
- 3 Press ▲ or ▼ and ► to select **Bass/Treble**
- Press ◀ / ► / ▲ / ▼ to select your options: Treble (+3 to -3), Bass (+3 to -3)





#### Incredible surround

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





#### **Display adjustment**

You can adjust the display's backlight and contrast settings

- Press MENU to enter the MENU screen
- 2 Use the navigation controls ▲ or ▼ and ► to select Settings
- **3** Press **▲** or **▼** and **▶** to select **Display**
- 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  $\blacktriangle$  /  $\blacktriangledown$  to reduce or enlarge the contrast



#### Selecting languages

- Press MENU to enter the MENU screen
- 2 Use the navigation controls ▲ or ▼ and ▶ to select Settings
- Use the navigation controls ▲ or ▼ and ▶ to select Language
- ④ Press  $\blacktriangle$  or  $\blacktriangledown$  and  $\blacktriangleright$  to select:

English, French, Spanish, Dutch, Italian and German

# HD(located on Center)

### Playing Harddisk (HD)

On WAC700 Center is located a 40GB hard disk, where music is centrally stored. Via Wi-Fi, all the stored music can be streamed and played on Station.

Check the Station is switched on or to standby

 also check the Center is switched on or to standby (See Basic functions, Switching to standby/on and selecting functions, Switching to Eco power/ on)

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, Raw 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 (1): tracks sorted by the tracks' name in alphanumeric order

Raw tracks ( ]; tracks to be compressed (MP3 conversion)



- It is a state of the state to select your option
- Press ► (or OK) to start playback, if necessary.

Press **OK** on a highlighted artist, genre or album to start playback from the beginning of the item

(or ▶ II on Center's remote control; the Play

key ▶ on Station's remote control). → If the music is streamed and played on Station, the **ACTIVE** indicator lights up green on Station

→ The playback screen shows:

on the top: your HD option (e.g. Playlist, Artist) in the middle: current track name, elapsed playing time and some track information at the bottom: equalizer setting and, if DBB is activated, DBB setting.



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.

6 To stop playback, press STOP ■.

#### Selecting and searching

#### Selecting a different album or track

- Repeatedly press the navigation controls ▲ or
   ▼ and ► to select the desired album or track.
- 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 I◄ or ►►I on Center's remote control; I◄, ►I 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

- In the playback screen, press and hold the navigation controls ▲ or ▼ (or I◄ or ►►I on Center's remote control; ◄
   → The HD plays at a high speed.
- When you recognize the passage you want, release ▲ or ▼ (or I◄◄ or ►►I 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

 $\mathbf{r}$  – plays the current track continuously

Im – repeats all the tracks (under current artist, genre or album )

the tracks (under current artist, genre or album) in random order

**11** – tracks (under current artist, genre or album) are played in random order

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



### SMART EQUALIZER

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 sound settings will be changed. 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.

- Check the Station is switched on or to standby
- also check the Center is switched on or to standby
- 2 Use the navigation controls < / ▶ / ▲ / ▼ to highlight the desired track/album (see Selecting and searching)</p>
- It is the second sec
- ④ Use the navigation controls ▲ or ▼ and ► to select Create Playlist



→ A new playlist is created. Display shows: Playlist created. To add tracks, select "Add to Playlist".

- To select Add to Playlist,
   a. Press MENU to enter the MENU screen
   b. In the MENU screen, use the navigation
   controls ▲ or ▼ and ► to select
   → A list of playlists appears
- O Use the navigation controls ▲ or ▼ and ► to select the desired playlist
  - Display shows: Track(s) added to playlist
- Repeat steps 1, 4, 5 to select and store all desired tracks in this way.



- Use the navigation controls ▲ or ▼ and ▶ to enter a category (Playlist, Artists, Albums, Genres, All tracks, Raw tracks
- If necessary, press ▲ or ▼ and ► once or more to enter the album/track list
- Press ▲ or ▼ to highlight a selected playlist, album or track
- To select Delete Playlist, Delete Album or Delete Track

a. Press **MENU** to enter the **MENU** screen b. In the **MENU** screen, use the navigation controls ▲ or ▼ and ▶ to select.

In the select Yes
In the select Yes

#### **Display track information**

During playback, press VIEW once or more to enter the playback screen

The display shows:

#### on the top: $\ensuremath{\mathsf{HD}}$

- in the middle: current track name, elapsed playing time and some track information
- at the bottom: equalizer setting and, if DBB is activated, DBB setting.

#### 2 Press ►

→ The display shows track information (e.g. track name, file type, file size, bit rate of mp3/ wma files)

Press VIEW once or more to return to the playback screen.



# Moving in your WiFi network of Center and Stations

Move music In the WiFi network consisting of Center and up to 5 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:

- 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)
- Press MUSIC FOLLOWS ME to activate
   → The icon → appears. Playback continues
- To start playback from the beginning on the second unit, first press ► II on the Center's remote control (or II on the Station's remote control, and then, press MUSIC FOLLOWS ME
- To deactivate MUSIC FOLLOWS ME, press MUSIC FOLLOWS ME again or other functional keys (e.g. SLEEP, RDS/NEWS or ◀ / ► / ▲ / ▼)
- MUSIC FOLLOWS ME will be automatically deactivated if you do not activate MUSIC FOLLOWS ME on the second unit within 5 minute

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

- Check you have selected HD, CD or AUX source on the second unit or have switched the unit to standby mode (see Basic functions, Switch on/to standby and selecting functions)
- Press MUSIC FOLLOWS ME within 5 minutes after MUSIC FOLLOWS ME is activated on the first unit

→ 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)

Check you have selected HD/AUX source on the Station(s) or have switched the Station(s) 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)

### 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 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.
- To stop MUSIC BROADCAST, press STOP/
   on the Center:

# Helpful hints: MUSIC BROADCAST will also stop when:

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

English

#### Tuning to radio stations

Check the set is switched on or to standby (See Basic functions, Switching on/to standby and selecting functions, Switching to Eco power/ on)

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.



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.

ightarrow When you are receiving an RDS station,

is shown.

- 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: RDS stations followed by FM stations. Maximum 10 RDS stations will be stored (from Preset 1 to Preset 10).

To select Autostore radio,

#### a. Press **MENU**.

- b. Use the navigation controls  $\blacktriangle$  or  $\blacktriangledown$  and  $\blacktriangleright$  to select
- Display shows: Autostore Please wait...

→ After all stations are stored, the first autostore preset station will then automatically play.

#### Manual programming

- Tune to your desired radio station (see Tuning to radio stations)
- 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

Press to enter the list of presets



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

### RDS

**RDS** (**R**adio **D**ata **S**ystem) is a service that allows FM stations to send additional information along with FM radio signal.

 Tune to the desired RDS radio station (see Autostore: automatic programming)

Press RDS/NEWS repeatedly to view the following information (if available):

- Station name
- program type (for example: News, Pop Music)
- RDS radio text



### NEWS

While listening to HD or AUX source, you can activate NEWS. The set will tune to the news station if the related signals are received from a RDS station.

#### Activating NEWS

 During playback in HD or AUX source, press RDS/NEWS on the remote control

→ The icon → appears and NEWS ON is displayed briefly.

→ Playback continues when the set scans the first 10 preset stations

→ When news transmission is detected, the set

will switch to the news station. The icon starts flashing.

#### Helpful hints:

- Make sure you have stored RDS stations in the first 10 preset locations (see **Autostore:** 

#### automatic programming)

 If no news transmission is detected during the set's scanning, the icon disappears and NO RDS NEWS is displayed.

#### Deactivating NEWS

Press RDS/NEWS again on the remote control.

#### or

Switch the set to Radio source
 The icon 
 disapears and NEWS

 OFF is displayed briefly.



# AUX (Listening to an external source)

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

- Check the external device has been properly connected. (See Installation, Connecting an additional appliance)
- Check the set is switched on or to standby (See Basic functions, Switching on/to standby and selecting functions, Switching to Eco power/ on)
- Press SOURCE once or more to select AUX (on the remote control, press TUNER/AUX once or more)
- To avoid noise distortion, turn down the volume on your external device.
- Press the PLAY key on the connected device to start playback.
- To adjust the sound and volume, use the sound controls on your external device and the WAS700.



#### SLEEP

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



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<sup>2</sup> appears.

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  ${\ensuremath{\textcircled{}}}$  on the remote control)



#### **Demonstration mode**

The demonstration mode displays various features of the Station.

#### To deactivate the demonstration mode

- During demonstration mode, press STOP for 5 seconds
  - → The Station will switch to standby mode



#### Reset

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

- Check the set is switched on (See Basic functions, Switching on/to standby and selecting functions, Switching to Eco power/ on)
- 2 Press MENU to enter the MENU screen
- 3 Use the navigation controls ▲ or ▼ and ▶ to enter Settings
- Use the navigation controls ▲ or ▼ and ► to enter **Restore settings**
- If Press ▲ or ▼ and ► to select Yes
   The set is rebooted. Language selection screen appears.
- 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  $\blacktriangle\,$  or  $\,\blacktriangledown\,$  and  $\blacktriangleright\,$  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 **MENU**.

- b. Use the navigation controls ▲ or ▼ and ▶ to enter **Station Mgnt** menu
- c. In Station Mgnt 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)
- On Center, press STOP 
   to exit Installation
   Mode when all the Stations are found.

# **Specifications**

#### General

#### Power consumption

Active	
WAS700	< 25W
Standby	
wa\$700	
Eco Power Standby	
wa\$700	
Dimensions (w $x$ h $x$ d)	
WAS700	. 360 x 283 x 128mm
Weight	
WAS700	4.2 kg

#### Amplifier

Output power	
WAS700	RMS $2 \times 4W + 1 \times 8W$
Frequency response	50-1600Hz, - 3dB
S/N ratio	≥ 72 dBA (IEC)
Input sensitivity	
AUX/CDR IN	500mV/1V
Output	
Impedance speakers	
(WAS700) ≥6 Ω (Par	nel) ≥12 Ω (Subwoofer)
Impedance headphones	

#### Wireless

Nireless standard
Vireless security
WEP (64 or 128bit), WPA-PSK
requency range 2412-2462 MHz (CH1-CH11)

#### Tuner

Wave range	
FM	87.5-108 MHz
Number of presets	
FM Antenna/cable	
COAX / T-antenna (75 $\Omega$	IEC-connector)

# Specifications and external appearance are subject to change without notice.

English

#### 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
Wi-Fi connection:	
During the first-time setup, Station's display shows "Searching for Center".	<ul> <li>Check you have connected the Center to power supply</li> <li>When adding a new station, check your center is in Installation mode (See Installation, Setting up Wi-Fi connection between Center and Station)</li> </ul>
I get interference on my wireless (WiFi) link between center and station. The WACS 700 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.	<ul> <li>If you are playing the set, stop playback and take the appropriate measures as follows:</li> <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. See the manual Connect to your PC.</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 Connect to your PC.</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>
Remote control:	
When I am using the Center's 2-way remote control, it starts to show "connectingconnecting" on the display endlessly. When you read this message on the 2-way remote control, there could be the following interference on your remote control: 1) interference signals from the Plasma TV screen (if this device is turned on):	<ul> <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>

2) conflicting IR signals from a nearby WAS700 Station

# Troubleshooting

Stations react when you operate Center's remote control	<ul> <li>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</li> <li>Use Station's remote control or the controls on the set.</li> </ul>
x flashes on the sychro display of Center's remote control	<ul> <li>Signal error: Check you have pointed the remote control toward the IR area of the set you wish to operate</li> </ul>
After the set is switched on, nothing appears on the sychro display of Center's remote control	<ul> <li>You switched on the set by using the control on the set instead of center's remote control.</li> <li>Press <b>REFRESH</b> on center's remote control to synchronize its display.</li> </ul>
The remote control does not function properly.	<ul> <li>Remove the protective plastic tab before using the Station's remote control.</li> <li>Reduce the distance between the remote control and the set.</li> <li>Insert the batteries with their polarities (+/- signs) aligned as indicated.</li> <li>Replace the batteries.</li> <li>Point the remote control directly towards the IR sensor.</li> </ul>
Tuner Radio reception is poor	<ul> <li>If the signal is too weak, adjust the antenna or connect an external antenna for better reception.</li> <li>Increase the distance between the set and your TV or VCR.</li> </ul>
There will be very interference on the radio reception whenever my center or station is near the PC. Such interferece happens to most of the built-in tuner product.	<ul> <li>Install the supplied FM wire antenna for better reception.</li> <li>Keep your Center or Station at least 1 meter away from PC.</li> </ul>
Wall mounting How do I mount the Station onto walls?	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 Center or 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 brackets to the wall, and mounting the sets onto the brackets.

#### What's in the supplied mounting kits

#### For Station:



1 x mounting bracket

쯍

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**

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



- Drill holes as marked.
- Fix the brackets to the wall using suitable screws (not supplied).
- 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** button(s).
- 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: I-888-PHILIPS (I-888-744-5477)

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

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

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