Wireless Music Station

User manual
Manuel d’utilisation
Manual del usuario
Benutzerhandbuch

PHILIPS
Important notes for users in the U.K.

Mains plug
This apparatus is fitted with an approved 13 Amp plug. To change a fuse in this type of plug proceed as follows:

1. Remove fuse cover and fuse.
2. Fix new fuse which should be a BS1362 5 Amp, A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 5 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 Amp.

Note: The severed plug must be disposed of to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

How to connect a plug
The wires in the mains lead are coloured with the following code: blue = neutral (N), brown = live (L).

As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:
- Connect the blue wire to the terminal marked N or coloured black.
- Connect the brown wire to the terminal marked L or coloured red.
- Do not connect either wire to the earth terminal in the plug, marked E (or £) or coloured green (or green and yellow).

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Copyright in the U.K.
Recording and playback of material may require consent. See Copyright Act 1956 and The Performer’s Protection Acts 1958 to 1972.

Norge
Typeskilt finnes på apparatens underside.

Observer: Nettbryteren er sekundert innkoplet. Den innebygde netdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettakten.

For å redusere fare for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.
Philips Consumer Electronics

HK- 0528-WAS700
(report No.)

EC DECLARATION OF CONFORMITY

We,

Philips Consumer Electronics

(manufacturer’s name)

Philips, Glaslaan 2, 5616 JB Eindhoven, The Netherlands

(manufacturer’s address)

declare under our responsibility that the electrical product:

WAS700 /22/25/05
(type or model)

Wireless Music Station
(product description)

to which this declaration relates is in conformity with the following standards:

EN55013 : 2001
EN55020 : 2002
EN 55022: 1998
EN 55024: 1998
EN 60065: 1998

(title and/or number and date of issue of the standards)


Eindhoven,
July 14, 2005
(place, date)

Cor Luijks
Technology Manager
(signature, name and function)
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This product contains Linux 2.4.27-vrsl, that is made available under the GNU LGPL license version 2.1 (hereafter called "the Library").

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Contents

General Information
- About Wireless Music Station WAS700: 7
- Supplied accessories: 7
- Philips on-line support: 8
- Environmental information: 9
- Maintenance: 9
- Safety information: 9

Controls
- Controls on the Station: 10
- Station's remote control: 11-12

Installation
- Placing Station: 14
- Rear connections: 14-15
  - Antennas connection
  - Connecting an additional appliance
- Using AC power: 15
- Setting up Wi-Fi connection between Center and Station: 16
- Deleting a station

Preparation
- Using the remote control: 17
  - Using Center's remote control
  - To replace the remote controls' batteries
- Using the navigation controls: 17

Basic Functions
- Switching to standby/on and selecting functions: 18
- Switch to Eco power/ on: 18
- Auto-standby: 18
- Volume control: 18
- MUTE: 18
- Sound control: 19
  - Equalizer
  - Bass adjustment
  - Incredible surround
- Display adjustment: 20
- Selecting languages: 20

HD
- Playing Harddisk(HD): 21
- Selecting and searching: 22
  - Selecting a different album or track
  - Finding a passage within a track during playback
  - Selecting tracks of a particular artist
  - Selecting tracks of a particular genre
- Different play modes: REPEAT, SHUFFLE: 23
- SMART EQUALIZER: 23
- Creating Playlist: custom collection of your favorite music: 23
- Deleting a playlist, album or track: 24
- Display track information: 24
- Moving between Center and Station: 24-25

FM radio
- Tuning to radio stations: 26
- Storing preset radio stations: 26
  - Autostore: automatic programming
  - Manual programming
- To listen to a preset station
- RDS: 27
- NEWS: 27
  - Activating NEWS
  - Deactivating NEWS

AUX/SLEEP
- AUX (Listening to an external source): 28
- SLEEP: 28

Reset
- Reset: 29

Specifications: 30

Troubleshooting: 31-32

Appendix
- How to mount your Station onto walls: 33
General Information

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

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

Supplied accessories

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

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

Hereby Philips Consumer Electronics, BG Audio Video Entertainment, declares that this product WAS700 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

CAUTION

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

**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](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 **(WAS700)** to view:

- FAQ (Frequently Asked Questions)
- Latest user manuals and PC software manuals
- Firmware upgrade files for **WAS700**
- 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 **WAS700**!

*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 Set
● 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 self-lubricating bearings and must not be oiled or lubricated.
Controls (illustrations on page 3)

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

Display
   shows status of Station

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

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

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

VOLUME - +
   adjusts the volume level

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
   ▶ / OK
   confirms selection

OK
   HD: starts or pauses playback

9 MUTE
   switches the sound off temporarily

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

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
Controls

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 mode or on

3  
- HD: starts playback
- II HD: pauses playback

4  
- stops playback

5 ▲ / ▼ Scroll
- scroll the display screen upward or downward

6 View
- toggles playback display and previous option list

7 Repeat
- selects continuous playback

8 Shuffle
- selects random playback

9 VOL +, -
- adjusts the volume level

10 Sleep
- adjusts/displays/switches off sleep timer

11 DBB (Dynamic Bass Boost)
- turns the bass enhancement on (DBB1, DBB2, DBB3) or off

12 Smart EQ
- HD: selects match sound setting for current genre

13 Music Follows Me
- HD: moves music playback between Center and Station or between Station and Station

14 Same Artist
- HD: plays all the tracks of current Artist

15 Same Genre
- HD: plays all the tracks of current Genre

16 Incr. Surr.
- selects surround sound effect

17 Dim
- changes the brightness of display illumination

18 RDS/NEWS
- Radio: selects RDS information
- HD/AUX: turns NEWS function on or off

19 Program
- manually programs preset radio stations

20 Menu
- enters or exits setup menu
Controls

1. **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

2. **OK**
   - confirms selection

3. **Fast forward/backward**
   - **HD:** searches track passage backward/forward (in playback screen)

4. **MUTE**
   - switches the sound off temporarily
Installation

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**
- **on walls without stands**

Rear connections

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

1. **Antenna Connection**

   - 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.**

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

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.

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.

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.

Extended range

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).

Fix the extension line’s end to the ceiling.

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 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.

For users in the U.K.: please follow the instructions on page 2.

Connecting an additional appliance

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When 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.

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For users in the U.K.: please follow the instructions on page 2.
**Installation**

**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.

**On Center**

1. Switch on WAC700 Center and select **HD** source
2. To select **Add New Station** on Center
   a. Press **MENU**
   b. Use the navigation controls ▲ or ▼ and ▶ to enter **Station Mgmt** menu
   c. In **Station Mgmt** menu, use the navigation controls ▲ or ▼ and ▶ to select
   ⇒ You will enter the **Installation Mode**. Searching for the new station start
   ⇒ 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 your desired language: English, Français, Español, Nederlands, Italiano and Deutsch
   ⇒ The set enters Installation Mode
   ⇒ The search for Center starts.

**On Center**

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

**IMPORTANT!**

– Avoid thick walls. Your Center and Station should never be blocked by 2 or more walls.
– Avoid placing the sets close to large metal objects.
– Adjust the location of your Center and Station according to the reception status of Wi-Fi signals.

- ▲ indicates maximum reception
- ▼ indicates minimum 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 2 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**

1. Switch on WAC700 Center and select **HD** source
2. To select **Delete Station** on Center
   a. Press **MENU**
   b. Use the navigation controls ▲ or ▼ and ▶ to enter **Station Mgmt** menu
   c. In **Station Mgmt** menu, use the navigation controls ▲ or ▼ and ▶ to select
   ⇒ On 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**
Preparation

Using the remote control
WAS700 is equipped with a remote control. You can use it to 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,

1. Press and hold **REFRESH** until the select 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.

**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 remote control.

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

To replace the remote controls' battery

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

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

Some functional keys on Center's remote control are exclusively used for Center (for example, CD/MP3-CD, MARK/UNMARK, MUSIC BROADCAST etc.)
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 Off on the remote control).
   - The screen dims out. Display shows **Center Status** screen and the number of centers found.
   - The **Center Status** screen is empty if no center is found.

2. 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).

3. 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.

1. When the set is on, press and hold **STANDBY-ON/ECO POWER** to switch it to Eco power (or Off on the remote control).
   - The display is switched off.

2. To switch on, press and hold **STANDBY-ON/ECO POWER** (or Off 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.

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

1. Check the playback starts.
2. 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.

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 +/-**.
   - The icon disappears.
Basic functions

Sound control

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).

Incredible surround

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

Same Artist Same Genre

Smart EQ

Incredible surround

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

Same Artist Same Genre

Smart EQ

Incredible surround

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

### Display adjustment

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

1. Press **MENU** to enter the **MENU** screen.
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 **MENU** to enter the **MENU** screen.
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**
HD (located on Center)

Playing Harddisk (HD)

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

1. Check the set is switched on or to standby
   ● also check the Center is switched on or to standby (See Basic functions)
2. Press SOURCE once or more to select HD
   (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
   ➜ 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

Press the navigation controls ▲ or ▼ and ◀ 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 (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, elapsed playing time and some track information
at the bottom: equalizer setting and, if DBB is activated, DBB setting

To pause playback, press OK (or on Center's remote control; on the Station's remote control). To resume playback, press the button again (on Station’s remote control, press the Play key ▶)

To stop playback, press STOP ■
**HD (located on Center)**

### Selecting and searching

#### Selecting a different album or track

1. If necessary, repeatedly press ▼ to enter previous option lists.
2. Repeatedly press the navigation controls ▲ or ▼ and ▶ to select previous or next track on Center’s remote control; ▶ on Station’s remote control.
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 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) until the HD plays 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) and 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

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

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

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.

1. Check the set is switched on
2. also check the Center is switched on or to standby
3. Press MENU to enter the MENU screen
4. Use the navigation controls ▲ or ▼ to select Create Playlist

➜ A new playlist is created. Display shows: Playlist created. To add tracks, select “Add to Playlist”

1. Use the navigation controls ▲ / ▼ / ▲ / ▼ to highlight the desired track/album (see Selecting and searching)
2. To select Add to Playlist, adjust the sound settings (DBB, Treble/Bass setting, Incr. Surr. or Equalizer)
3. The icon ◐ disappears.

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 icon ◐ disappears.

During playback, press once or more REPEAT or SHUFFLE to select play modes.
To return to normal playback, press REPEAT or SHUFFLE repeatedly until the various modes are no longer displayed.
HD (located on Center)

Deleting a playlist, album or track
1. Use the navigation controls ▲ or ▼ and ► to enter a category (Playlist, Artists, Albums, Genres, All tracks)
   ● If necessary, press ▲ or ▼ and ► once or more to enter the album/track list
2. Press ▲ or ▼ to highlight a selected playlist, album or track
3. 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.
4. Press ▲ or ▼ and ► to select Yes

Display track information
1. During playback, press VIEW once or more to enter the playback screen
   → The display shows:
   on the top: 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)
3. 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:
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. 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 ♫ on the Station’s remote control, and then, press MUSIC FOLLOWS ME
3. 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
4. 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)
5. 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 \( \mathbf{R} \) disappears.
Selected play modes (e.g. \( \mathbf{P} \), \( \mathbf{S} \)) are retained on the second unit (see Different play modes: REPEAT, SHUFFLE)

\( \Rightarrow \) To stop MUSIC FOLLOWS ME, press \( \mathbf{STOP/Ç} \) 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 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
1. During HD playback, select the album or playlist you wish to broadcast to Station(s)
2. Press MUSIC BROADCAST to activate
\( \Rightarrow \) The icon \( \mathbf{R} \) appears on Center and Station(s). 5-second countdown starts.

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.

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

For a station to exit MUSIC BROADCAST, press \( \mathbf{STOP/Ç} \) 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 \( \mathbf{STOP/Ç} \) 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.
Tuning to radio stations

1. Check the set is switched on or to standby (See Basic functions, Switching on/to standby and selecting functions, Switching to Eco power/on)
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.
   - When you are receiving an RDS station, 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: 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 ▲ 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
**FM radio**

**RDS**

RDS (Radio Data System) is a service that allows FM stations to send additional information along with FM radio signal.

1. Tune to the desired RDS radio station (see **Autostore: automatic programming**)
2. 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**

- 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.

**Deactivating NEWS**

- Press **RDS/NEWS** again on the remote control.
  - The icon disappears and NEWS OFF is displayed briefly.

**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.
**AUX/ SLEEP**

**AUX (Listening to an external source)**

You can listen to the sound of the connected external device through your 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, Switching on/to standby and selecting functions, Switching to Eco power/ on).
3. Press **SOURCE** once or more to select **AUX** (on the remote control, press **TUNER/AUX** once or more).
4. To avoid noise distortion, turn down the volume on your external device.
5. Press the **PLAY** key on the connected device to start playback.
6. 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.

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 **0** on the remote control).

---

*Same Artist Same Genre*  
*Smart EQ*
Reset

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

1. 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
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 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)
- On Center, press STOP ■ to exit Installation Mode when all the Stations are found.

On Center, press STOP ■ to exit Installation Mode when all the Stations are found.
## Specifications

### General

**AC Power**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAS700</td>
<td>220V ±10%</td>
</tr>
</tbody>
</table>

**Power consumption**

<table>
<thead>
<tr>
<th>Mode</th>
<th>Current (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active</td>
<td>&lt; 25W</td>
</tr>
<tr>
<td>Standby</td>
<td>&lt; 14W</td>
</tr>
<tr>
<td>Eco Power Standby</td>
<td>&lt; 1W</td>
</tr>
</tbody>
</table>

**Dimensions (w x h x d)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAS700</td>
<td>360 x 283 x 128</td>
</tr>
</tbody>
</table>

**Weight**

<table>
<thead>
<tr>
<th>Model</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAS700</td>
<td>4.2</td>
</tr>
</tbody>
</table>

### Amplifier

**Output power**

<table>
<thead>
<tr>
<th>Model</th>
<th>Power (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAS700</td>
<td>2 x 5W + 1 x 10W</td>
</tr>
</tbody>
</table>

**Frequency response**

<table>
<thead>
<tr>
<th>Model</th>
<th>Frequency (Hz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAS700</td>
<td>50-16,000</td>
</tr>
</tbody>
</table>

**S/N ratio**

<table>
<thead>
<tr>
<th>Model</th>
<th>Ratio (dBA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAS700</td>
<td>≥ 72</td>
</tr>
</tbody>
</table>

**Input sensitivity**

<table>
<thead>
<tr>
<th>Model</th>
<th>Sensitivity (V)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUX IN</td>
<td>500mV/1V</td>
</tr>
</tbody>
</table>

**Impedance speakers**

<table>
<thead>
<tr>
<th>Model</th>
<th>Impedance (Ω)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAS700</td>
<td>≥ 6 Panel, ≥ 12 Subwoofer</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Impedance (Ω)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Headphones</td>
<td>32 - 150</td>
</tr>
</tbody>
</table>

### Wireless

**Wireless standard**

<table>
<thead>
<tr>
<th>Model</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAS700</td>
<td>802.11g</td>
</tr>
</tbody>
</table>

**Wireless security**

<table>
<thead>
<tr>
<th>Model</th>
<th>Security</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAS700</td>
<td>WEP (64 or 128bit), WPA-PSK</td>
</tr>
</tbody>
</table>

**Frequency range**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range (MHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAS700</td>
<td>2412-2462 CH1-CH11</td>
</tr>
</tbody>
</table>

### Tuner

**Wave range**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range (MHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAS700</td>
<td>87.5-108</td>
</tr>
</tbody>
</table>

**Number of presets**

<table>
<thead>
<tr>
<th>Model</th>
<th>Presets</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAS700</td>
<td>40</td>
</tr>
</tbody>
</table>

**FM Antenna/cable**

<table>
<thead>
<tr>
<th>Model</th>
<th>Antenna/cable (Ω)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAS700</td>
<td>COAX / T-antenna (75Ω IEC-connector)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wi-Fi connection:</strong></td>
<td></td>
</tr>
</tbody>
</table>
| During the first-time setup, Station's display shows “Searching for Center”. | ✓ Check you have connected the Center to power supply  
✓ Check your center is in Installation mode  
(See Installation, Setting up Wi-Fi connection between Center and Station)  
✓ Turn off the wireless router nearby if there is difficulty in connecting your Center and Station. |
| I get interference on my wireless (WiFi) link between center and station. The WA/CS 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. | ✓ Check the operating channel of your Center and Station when connecting them to an existing WiFi network. To learn about how to change channels, see the manual Connect to your PC.  
✓ If possible, change the operating channels of the other Wi-Fi devices at your home.  
✓ Turn the devices in different directions to minimize interference. |
| Remote control: | ✓ Check your plasma TV is turned off |
| When I am using the Center’s 2-way remote control, it starts to show “connecting ....connecting” 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: Interference signals from the Plasma TV screen (if this device is turned on). | |
Troubleshooting

x flashes on the syncro display of Center’s remote control

After the set is switched on, nothing appears on the syncro display of Center’s remote control

The remote control does not function properly.

✔ 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.

✔ 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 Center or Station at least 1 meter away from PC.

Tuner

Radio reception is poor

There will be very interference on the radio reception whenever my center or station is near the PC.
Such interference happens to most of the built-in tuner product.

Wall mounting

How do I mount the Center or 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.
Appendix

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

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 Center or 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.