

User manual



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 the 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, it 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, so as to avoid a possible shock hazard due to it being inserted into another 13-Amp socket.*

How to connect a plug

The wires in the mains lead are coloured using the following codes: 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 \perp) or coloured green (or green and yellow).

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

Copyright in the U.K.

Recording and playback of any materials may require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

Norge

Typeskilt finnes på apparatens bakside.

Observer: Nettbryteren er sekundert innkopleet. Den innebygde nettdelen er derfor ikke frakopleet nettet så lenge apparatet er tilsluttet nettkontakten.

For å redusere faren for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.

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:

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5 Science Park East Avenue

Hong Kong Science Park

Shatin Hong Kong

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

GPL Package written offer

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

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

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General information

About WAK3300 Wireless Music Station Clock Radio

WAK3300 is an excellent addition both to the Wi-Fi network of Philips Wireless Music Center, and to your home PC network.

With automatic installation and connection, WAK3300 can be easily added to the Wi-Fi network of the Center. The complete music library on the Centre can be streamed to WAK3300 wirelessly, via Wi-Fi*.

The music library on your PC is also playable on the WAK3300 via UPnP**.

In addition to easy access to music, WAK3300 provides you with various alarm setting options.

* Wi-Fi, or IEEE802.11 b/g, is the international leading industry standard for wireless broadband networking. Digital Data will be transferred with wider range and bandwidth.

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

Supplied accessories

- Remote control with 1 x CR2025 battery
- Power cord
- 1 x Ethernet cable

Minimum system requirement

Audio Center

- Philips Wireless Music Center

Or

- PC with UPnP media server software installed and enabled (e.g. Philips Media Manager, Musicmatch®, Window Media Connect®), or

Network

- Wireless connection (Wi-Fi 802.11 b/g compatible) Ad-hoc or Infrastructure

Or

- 10/100M Ethernet LAN connection

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

Philips Consumer Electronics BG Entertainment Solutions hereby declares that this product WAK3300 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Philips on-line support

Products from Philips have been designed and manufactured to the highest quality standards. If your Philips "Connected Planet" product is not working correctly, we recommend that you check the User Manual to verify that your product has been properly connected and configured.

To enhance your home entertainment experience, our Connected Planet support website (www.philips.com/support) will offer you all the information you need to fully enjoy your product, as well as the new additions to our exciting range of products.

Please visit: www.philips.com/support and enter your product name (WAK3300) to view:

- FAQ (Frequently Asked Questions)
- Latest user manuals and PC software manuals
- Firmware upgrade files for WAK3300
- Latest PC software downloads
- Interactive troubleshooting

As it is possible for you to upgrade your product, we recommend that you register your product on www.philips.com/register for us to inform you as soon as new and free upgrades are available.

Enjoy your WAK3300!

The model number can be found on the rear of the set.

General information

Environmental information

All redundant packaging material has been omitted. We have done our utmost to make the packaging easily separable into three mono materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

Your set consists of materials which can be recycled if disassembled by a specialised 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 any solution that contains alcohol, spirits, ammonia or abrasives.

Safety information

- Place the set on a flat, firm and stable surface.
- Keep the system, batteries or discs away from excessive moisture, rain, sand or any heat sources such as heating equipment or direct sunlight.
- Place the set 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.
- Never cover the ventilation openings with items such as newspapers, table-cloths, curtains, etc. as this will impede ventilation.
- Never expose the set to water dripping or splashing.
- Never place objects filled with liquids, such as vases, on the set.
- Never place sources of naked flame, such as lighted candles, on the set.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.

FCC / IC WARNING STATEMENT:

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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT NOTE:

FCC/IC Radiation Exposure Statement:

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IEEE 802.11b or 802.11g operation of this product in the U.S.A. & Canada is firmware-limited to channels 1 through 11.

Canada

English:

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

Français:

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

CAUTION

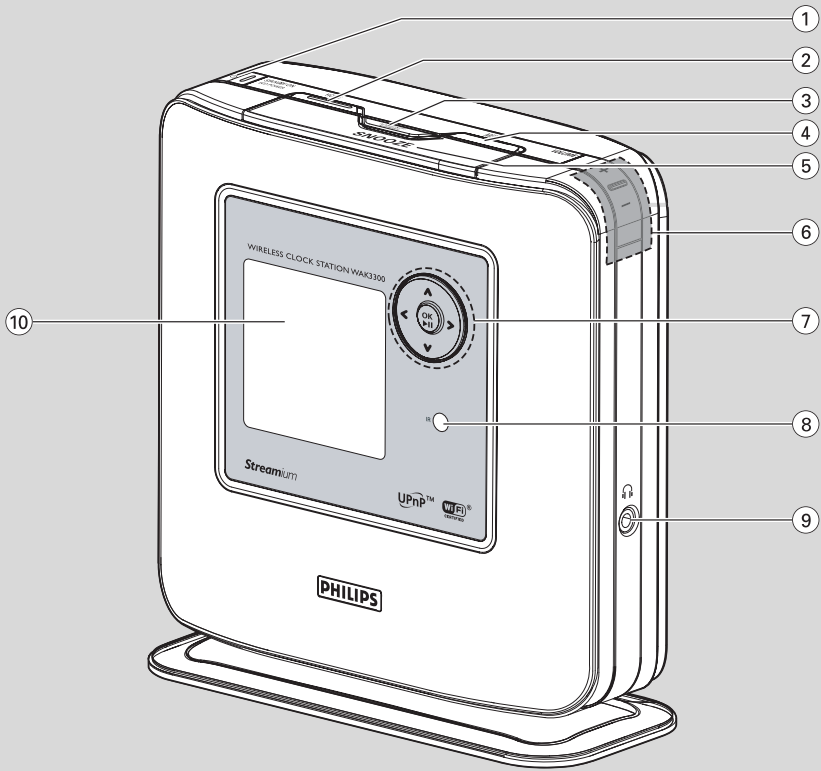
Modification of the product could result in hazardous EMC radiation or other unsafe operations.

When disconnecting the product from the mains, make sure to take the plug out of the wall socket completely.

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

Controls

English



Controls on the Set

(Top, front and right panels)

① **STANDBY-ON / ECO POWER**

- press briefly to switch on the set or to put it on standby mode;
- press and hold to switch the set to power-saving mode
- **Red indicator:** lights up in red when the set is switched to standby mode or power-saving mode

② **HOME**

- enters main menu (to select sound source or system settings)

③ **ALARM ON/OFF SLEEP TIMER**

- **ALARM:** - turns the alarm on/off
 - displays the alarm setting
- **SLEEP TIMER:** sets the sleep timer

④ **MENU**

- enters or exits the function menu of current sound source

⑤ **SNOOZE**

- shows clock briefly or stops the alarm for a 8-minute period

⑥ **VOLUME +, -**

- adjusts the volume level

⑦ **◀ / ▶ / ▲ / ▼**

- navigation controls (left, right, up, down) to scroll through the option list
 - ◀
- returns to previous option lists
 - ◀ / ▶
- skips/searches tracks/passage backward/forward (in playback screen)
 - ▶ / **OK**
- confirms selection
- **Tuner:** enters the list of preset stations

▲ / ▼

- scroll the display screen upward or downward
- **Tuner:** tunes to radio stations
 - ▲
- toggles playback screen and previous option list
 - OK / ▶**
- starts or pauses playback

⑧ **IR**

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

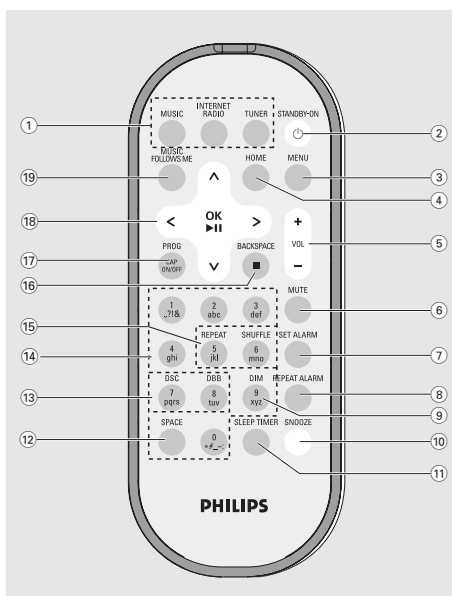
⑨

- 3.5 mm headphone socket
 - Helpful hints:**
 - Adjust the volume to a moderate level before plugging in the headphones.
 - Connecting headphones will switch the speakers off.

⑩ **Display**

- shows status of the set

Controls



Remote control

① Source buttons MUSIC

- selects the music library (on a Wireless Music Station or a UPnP-enabled music server)
- **In standby/Power-saving mode:** switches the set on and selects the music library (on a Wireless Music Center or a UPnP-enabled music server)

INTERNET RADIO

- no such function on this set

TUNER

- selects the FM radio source
- **In standby/Power-saving mode:** switches the set on and selects the FM radio source

② STANDBY-ON

- press briefly to switch the set on or to standby mode

③ MENU

- enters or exits the function menu of current sound source

④ HOME

- enters main menu (to select sound source or system settings)

⑤ VOL +, -

- adjusts the volume level

⑥ MUTE

- turns the sound off temporarily

⑦ SET ALARM

- enters the alarm setting mode

⑧ REPEAT ALARM

- stops the alarm after a preset period (e.g. 24 hours, 1 week)

⑨ DIM

- changes the brightness of display illumination

⑩ SNOOZE

- stops the alarm for a 8-minute period

⑪ SLEEP TIMER

- sets the sleep timer

⑫ SPACE

- **Text entry:** inputs blank space

⑬ DSC (Digital Sound Control)

- selects pre-defined sound settings: Neutral (by default), Pop, Rock, Classic, Jazz
- turns off sound settings

DBB

- turns the bass enhancement on or off

⑭ Alphanumeric keys

- **Text entry:** inputs desired numbers, letters or symbols

⑮ REPEAT

- selects continuous playback

SHUFFLE

- selects random playback

- ⑩ **Backspace ■**
- **Text entry:** deletes the input before cursor
 - **MUSIC:** stops playback

- ⑪ **PROG / CAP ON/OFF**
- **TUNER:** to manually program preset FM radio stations
 - **Text entry:** toggles between uppercase (**CAP ON**) or lowercase (**CAP OFF**) letters

- ⑫ ◀ / ▶ / ▲ / ▼
- navigation controls (left, right, up, down) to scroll through the option list
 - ◀
 - returns to previous option list
 - **Text entry:** moves the cursor backward
 - ◀ / ▶
 - skips/searches tracks/moves passage backward/forward (in playback screen)
 - ▶ / **OK**
 - confirms selection
 - **Tuner:** enters the list of preset stations
 - **Text entry:** confirms entry and moves the cursor forward
 - ▲ / ▼
 - scroll the display screen upward or downward
 - **Tuner:** tunes to radio stations
 - ▲
 - toggles between the playback screen and previous option list
 - **OK / ▶II**
 - starts or pauses playback

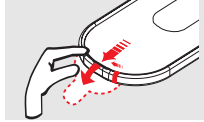
- ⑬ **MUSIC FOLLOWS ME**
- **MUSIC:** toggles music playback between the Wireless Music Center and Station

Preparation

Using the remote control

IMPORTANT!

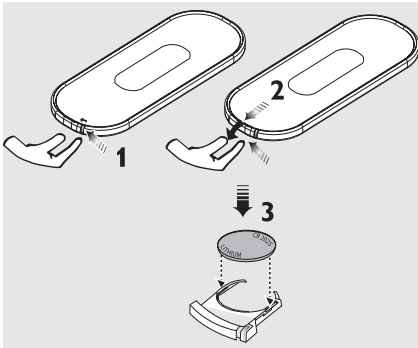
– Remove the protective plastic tab before using the remote control.



– Always point the remote control directly towards the IR sensor on the set you wish to operate.

To replace the remote control's battery

- 1 Press and hold ◀ as indicated
- 2 Pull out the battery tray at ▼ simultaneously
- 3 Remove the old battery and put in a new CR2025 battery
- 4 Put back the battery tray



CAUTION!

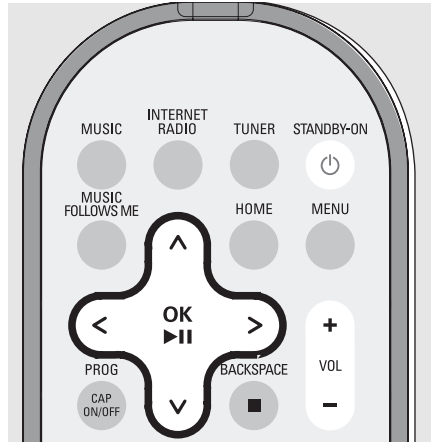
– Remove the battery when it is exhausted or when the remote control will not be used for a long time.

– Batteries contains chemical substances, hence they should be disposed of properly.

Using navigation controls

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

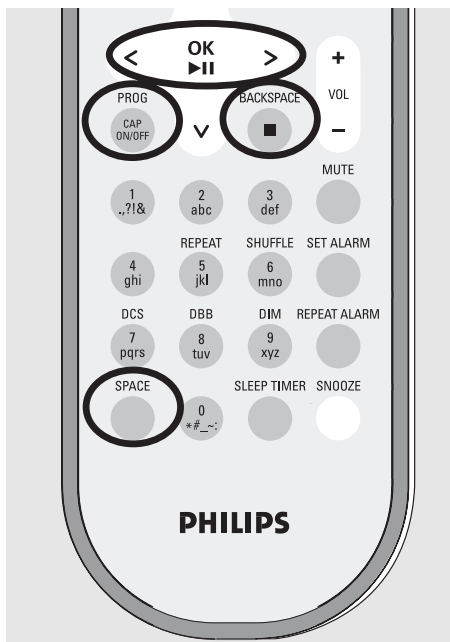
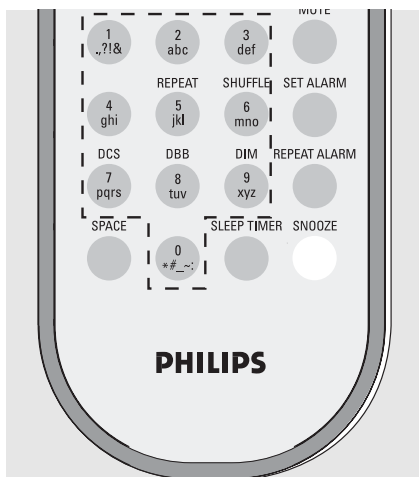
- 1 Press ▲ / ▼ to highlight an option
- 2 Enter its submenu or select a checkbox by pressing ▶
- 3 Press ◀ to return to the previous option list
- 4 Press **OK** to confirm



Using alphanumeric keys

Use the alphanumeric keys to input letters or numbers.

- 1 When a text box appears, press the corresponding **alphanumeric keys** repeatedly until the desired letter/number appears



- 2 Press ► / ◀ to move the cursor forward/backward

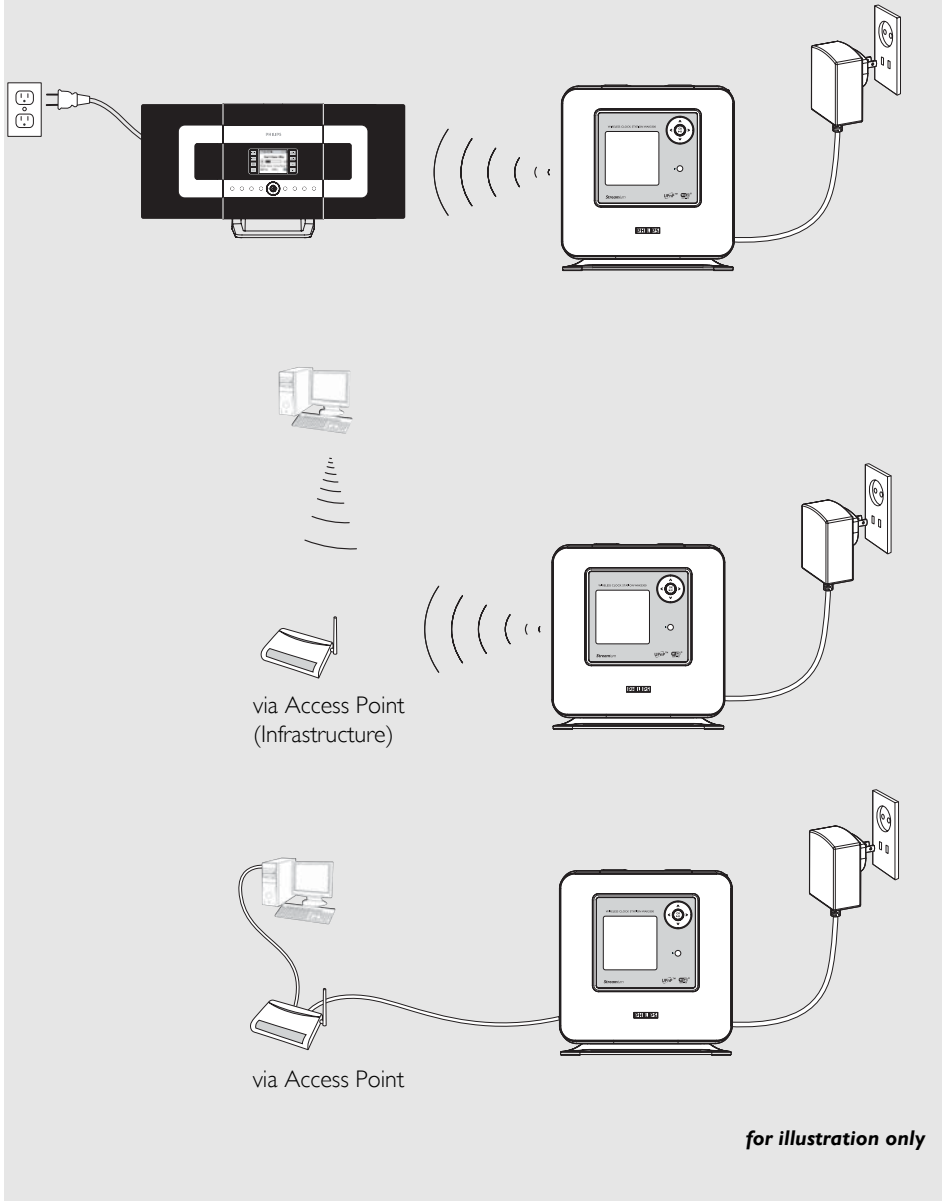
Helpful hints:

- You will enter the previous/next option list if the cursor reaches the beginning or end of the text box.
- Press **SPACE** to input blank space.
- Press **BACKSPACE** to delete the input before the cursor.
- Press **CAP ON/OFF** to input uppercase (**CAP ON**) or lowercase (**CAP OFF**) letters

- 3 Press **OK** to close the text box and move on to the next option list

Installation

English



for illustration only

Placing WAK3300

Before you decide where and how to place the WAK3300, take note of the following:

- **Install the set near the AC outlet or where the AC power plug can be reached easily.**
- Avoid installing the set between thick walls. The WAK3300 and Philips Wireless Music Center/a UPnP-enabled device should never be blocked by 2 or more walls.
- Avoid placing the set close to large metal objects.
- Keep the set away from sources of interference (such as microwave ovens, DECT phones, bluetooth devices, cordless phones and other Wi-Fi products, etc.)

Setting up the system

Connecting to power supply

- 1 a. Place the WAK3300 beside the Philips Wireless Music Center in order to connect to it.
To connect to a UPnP-enabled music server through an Ethernet cable, connect the supplied Ethernet cable to the Ethernet ports on WAK3300 and the Access Point
- b. Connect the WAK3300's power cord to a wall outlet

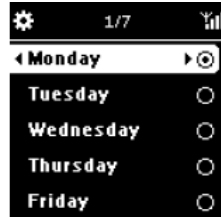
Select languages

- 1 Press the navigation controls ▲ or ▼ and ► to select your desired language



Set clock

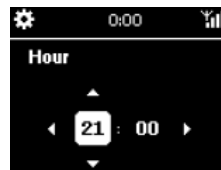
- 1 Press the navigation controls ▲ or ▼ and ► to select current **Month, Date** and **Year** or
Input the digits using **alphanumeric keys** (see **Preparation: Using alphanumeric keys**)
- 2 Press ▲ or ▼ and ► to select current day of the week



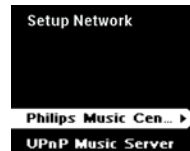
- 3 Press ▲ or ▼ and ► to select either the 24-hour or 12-hour clock



- 4 Press ▲ or ▼ and ► to select hour or minute, and press ► to confirm.



→ The following will be shown on the display
Philips Music Center
UPnP Music Server



Helpful hint:

- If you have selected the 12-hour clock, press ▲ or ▼ and ► to select **AM** or **PM**.

Installation

Connecting WAK3300 to Philips Wireless Music Center or a UPnP-enabled music server

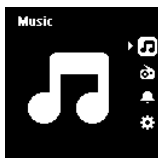
Choose to connect to either a Philips Wireless Music Center or a UPnP-enabled music server.

Connecting WAK3300 (Station) to Philips Wireless Music Center

- 1 Press the navigation controls ▲ or ▼ and ► to select **Philips Music Center**
→ The display will show **Searching for Center**
- 2 Check that the Center is switched on and is already in the **HD** source
- 3 On the Center, select **Add New Station**
 - a. Press **MENU** to enter the MENU screen
 - b. Press the navigation controls ▲ or ▼ and ► to enter **Station Mgmt** menu
 - c. Press ▲ or ▼ and ► to select **Add New Station**
→ You will enter **Installation Mode**.
Searching for the new station starts
→ Playback will stop on the previously associated station if you are playing on the **HD** source

On the WAK3300

→ The main menu will appear when WAK3300 is connected to the Center



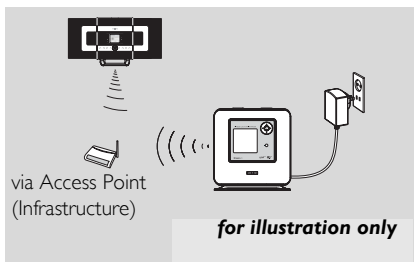
- 4 On the Center, press **STOP** ■ after all the Stations are found
- 5 Unplug WAK3300 and relocate as desired

IMPORTANT!

– For better Wi-Fi reception, adjust location of the Center and Station.

Helpful hint:

– If the Philips Wireless Music Center is already connected to your home network, follow the above-mentioned steps 1 to 4 to connect WAK3300 to Philips Wireless Music Center via the network's Access Point.



Connecting WAK3300 to a UPnP-enabled music server

The UPnP music server can be a PC with UPnP media software installed and enabled (e.g. Philips Media Manager, Musicmatch®, Window Media Connect®) or other UPnP-enabled devices.

- 1
 - a. Check that you have already turned on a wireless/wired Access Point (not supplied by Philips)
 - b. Check that the UPnP device is connected to the Access Point

If you are using a wireless Access Point

- 2 On the WAK3300, press the navigation controls ▲ or ▼ and ► to select **UPnP Music Server**
→ The **Select Network** screen appears
→ **Searching...** appears when the set is searching for available networks
→ The list of networks appears

- 3 a. Press the navigation controls ▲ or ▼ and ► to select the network where the UPnP device is located
- b. Set the Encryption key:
 - b1. Enter the Encryption key (WEP or WPA) using the alphanumeric keys if you have already set an Encryption key for your network

or

Press the navigation controls ▲ or ▼ repeatedly to select a letter, digit or symbol



- b2. Press **OK** to confirm



- c. Select **Auto (DHCP)**

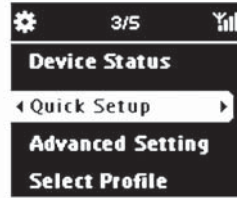
Helpful hints:

– You can also select **Static IP** and assign an IP address as prompted using the alphanumeric keys.

- d. Select **No** when the **Enable Proxy Server** screen appears
- e. Select **Yes** to apply the setting
 - The WAK3300 will be restarted
 - The main menu will appear when WAK3300 is connected to the UPnP server



- 4 To select another network
 - a. press **HOME** to enter the main menu
 - b. press the navigation controls ▲ or ▼ and ► to select **Setting**

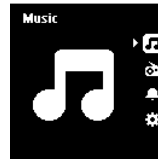


- c. Use the navigation controls ▲ or ▼ and ► to select **Network** followed by **Quick Setup**
 - The **Select Network** screen appears
 - **Searching...** appears when the set is searching for available networks
 - The list of networks appears

- 5 Follow the above-mentioned **Step 3**

If you are using a wired Access Point

- 1 On the WAK3300, press the navigation controls ▲ or ▼ and ► to select **UPnP Music Server**
 - **Wired Ethernet** will appear at the bottom of the screen
- 2 Press ► to enter the setup menu of Wired Ethernet
 - a. Select **Auto (DHCP)**
 - b. Select **No** when the **Enable Proxy Server** screen appears
 - c. Select **Yes** to apply the setting
 - The WAK3300 will be restarted
 - The main menu will appear when the WAK3300 is connected to the UPnP server



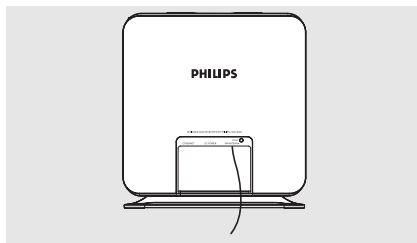
Installation

Installing FM antenna

WARNING:

- Never make or change connections when the power supply is switched on.

WAK3300 comes with a pigtail FM antenna.



- 1 Extend the pigtail antenna
- 2 Shift the antenna to different positions for optimal reception (as far away as possible from the TV, VCR or other radiation sources)
- 3 Fix the end of the pigtail to the wall

Using AC power


- 1 Make sure all 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

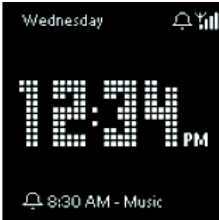
When the set is switched to standby, it is still consuming some power. Remove the power plug from the wall socket to disconnect the set from the power supply completely.


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

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

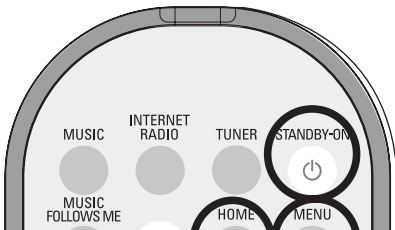
Switching to standby/on and selecting sound sources

- 1 When the set is switched on, press **STANDBY-ON/ ECO POWER**  to switch it to standby mode
 - Display shows **Bye**
 - The **Red** indicator lights up
 - The screen dims. The clock display appears





- 2 To switch the set on, press **STANDBY-ON/ ECO POWER**  again
 - The set resumes the last source selected

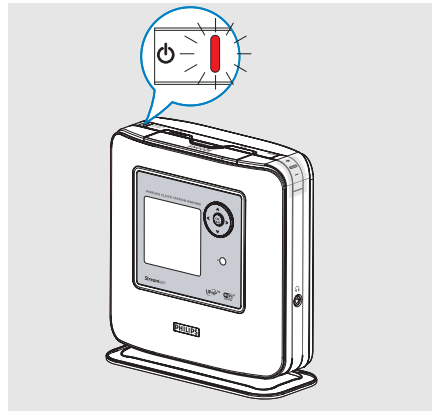
- 3 To select sound sources, press the source buttons on the remote control (e.g. **MUSIC, TUNER**)
or
On the set, select sound sources on the main menu (see **Accessing sources/ settings from the main menu**)



Switching to power-saving mode

In power-saving (ECO POWER) mode, the Wi-Fi connection on the set will be switched off. It is impossible to playback the music library on the Centre or the UPnP-enabled PC when the WAK3300 has been switched to ECO POWER mode.

- 1 When the set is switched on, press and hold **STANDBY-ON/ ECO POWER**  on the set to switch it to ECO POWER mode
 - The **Red** indicator lights up
 - The screen dims. The clock display appears
 -  appears, indicating minimum Wi-Fi reception



Helpful hint:

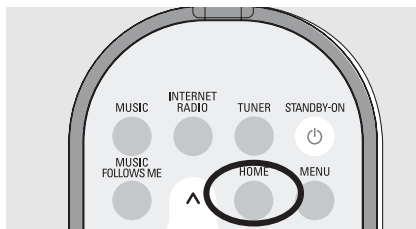
– In the Standby/ECO POWER mode, the previous networking, sound, display, language, tuner presets and the volume level (maximum: the moderate level) settings will be retained in the memory of the set.

Basic functions

Accessing sources/settings from the main menu


All of the WAK3300's sources/settings are accessible from the main menu.


- 1 Press **HOME** to enter the main menu





- 2 Press the navigation controls ▲ or ▼ and ► to select your desired sound source or setting menu



In the **Music**  menu, you can select your music sound source from the music library of either the Philips Wireless Music Center or the UPnP-enabled device

In the **Radio**  menu, you can select the FM radio sound source

In the **Alarm**  menu, you can set alarm timings, alarm sound source and alarm mode

In the **Setting**  menu, you can adjust or view the settings of the clock time, network, device, sound or display

Clock setting

Adjust clock setting

- 1 Enter the **Setting** menu from the main menu
- 2 Use the navigation controls ▲ or ▼ and ► to select **Day and Time** followed by **Time format** or **Set date & time**



- 3 Follow the steps 1-4 under **Installation: Set clock** to adjust the clock setting

Display clock setting during playback

Clock display as screen saver:

In WAK3300, the clock display also serves as the screen saver. If no action is executed for 3 minutes (default) during WAK3300's playback, the clock display will appear as screen saver.

To adjust the screen saver interval:

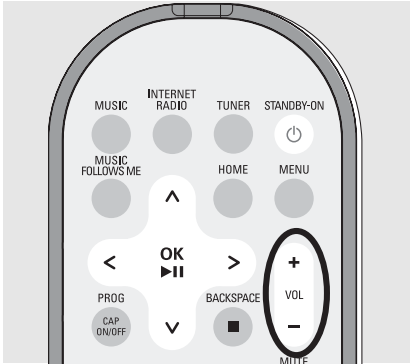
- 1 Enter the **Setting** menu from the main menu
- 2 Use the navigation controls ▲ or ▼ and ► to select **Display** followed by **Screen Saver**
- 3 Press ▲ or ▼ and ► to select your desired time period (in minutes): **3, 5, 10, 20** or **30**

Check clock setting during playback:

- 1 Press and hold **SNOOZE** until the clock display appears

Volume control

- 1 Check that playback has started
- 2 Adjust the volume using the **VOLUME (VOL) +/-** buttons



MUTE

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

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

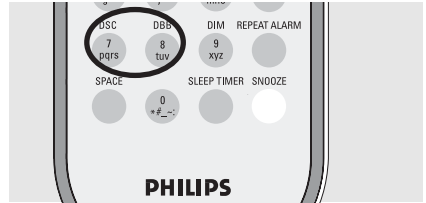


Sound control

DSC (Digital Sound Control)

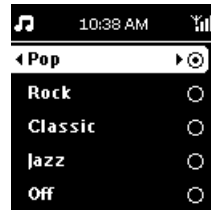
DSC (or **EQ**) enables you to select predefined sound settings.

- On the remote control, press **DSC** repeatedly until your desired sound setting appears on the display



or

- 1 Enter the **Setting** menu from the main menu
- 2 Use the navigation controls ▲ or ▼ and ► to select **Sound** followed by **Set EQ**
- 3 Press ▲ or ▼ and ► to select from **Pop** (default), **Rock**, **Classic**, **Jazz** or **Off**



Bass adjustment

- On the remote control, press **DBB** (Dynamic Bass Boost) once or more to turn DBB on or off
- 1 Press **HOME** to enter the Setting menu
 - 2 Use the navigation controls ▲ or ▼ and ► to select **Sound**
 - 3 Press ▲ or ▼ and ► to turn DBB on/off

Helpful hint:

– Only **DBB on** or **DBB off** will appear depending on the current DBB setting.

Basic functions

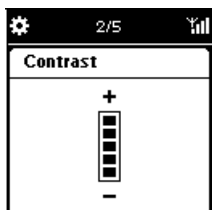
Display adjustment

You can adjust the contrast and brightness settings on the display.

- 1 Enter the **Setting** menu from the main menu
- 2 Use the navigation controls ▲ or ▼ and ► to select **Display**



- 3 **Contrast:**
 - a. Press ▲ or ▼ and ► to select **Contrast**
→ The contrast setting menu appears
 - b. Press ▲ or ▼ to increase or reduce the contrast



Brightness:

- a. Press ▲ or ▼ and ► to select **Dim**
- b. Press ▲ or ▼ to increase or reduce the brightness

or

On the remote control, press **DIM** to adjust the display's brightness.



Selecting languages

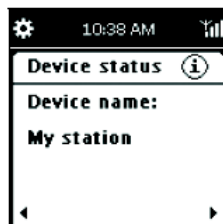
- 1 Enter the **Setting** menu from the main menu
- 2 Use the navigation controls ▲ or ▼ and ► to select **Display** followed by **Language**
- 3 Press ▲ or ▼ and ► to select the desired language: **English**, **Français**, **Español**, **Nederlands**, **Italiano** or **Deutsch**

Viewing device information

- 1 Enter the **Setting** menu from the main menu



- 2 Use the navigation controls ▲ or ▼ and ► to select **Network** followed by **Device Status**



- 3 Press ◀ or ▶ repeatedly to view the desired device information

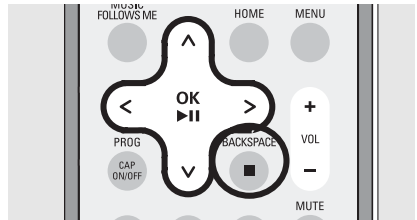
About MUSIC source

From the MUSIC source, you will be able to access the music library from the Philips Wireless Music Center or a UPnP-enabled music server, depending on the device WAK3300 has been connected to during the installation process.

- 6 To pause playback, press **OK/▶||**. Press the button again to resume playback.
- 7 To stop playback, press **STOP ■**

Playing MUSIC source

- 1 Check that the Philips Wireless Music Center or the UPnP music server has been switched on
- 2 On WAK3300, press **MUSIC** on the remote control to select music source
 - The display shows the connected music source
- 3 Press **▶** to enter the music source
 - The display shows **■** and the music library on the music source
- 4 Press the navigation controls **▲** or **▼** and **▶** to select your option
- 5 Press **OK/▶||** to start playback
- 6 Press **OK/▶||** on a highlighted artist, genre or album to start playback from the beginning of the selected item
 - Playback starts from current selection
 - The playback screen appears:



Helpful hints:

- If no action is executed for 3 minutes (default) during playback, the clock display will appear as the screen saver.
- When an action is detected, you will enter the playback/menu screen.



on the top: current clock/alarm/sleep timer settings

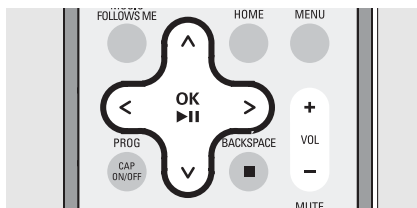
in the middle: current track name, artist, album name, play mode and sound settings

at the bottom: playback status (e.g **▶** play, **||** pause), elapsed playing time, total playing time of current track)

Selecting and searching

Select a different option

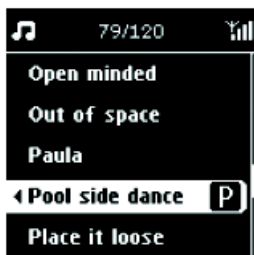
- 1 When in playback screen, press the navigation control ▲ to return to the previous option list
- 2 If necessary, press ◀ repeatedly to enter previous option lists
- 3 Press ▲ or ▼ repeatedly and ▶ to select an option



Fast scroll an option list

To quickly find your desired option (e.g. an album or a track) in a long option list, fast scroll the option list.

- 1 In the long option list, press and hold the navigation controls ▲ or ▼
 - The option list scrolls upward/downward at an increasing speed
 - The initial letter of the current option appears for easy identification
- 2 Release ▲ or ▼ when you recognize the desired option




Select a track in current album during playback


- 1 In the playback screen, press the navigation controls ◀ or ▶ briefly and repeatedly to select the previous or the subsequent track

Different play modes: REPEAT, SHUFFLE

Repeat 1  – plays current track continuously

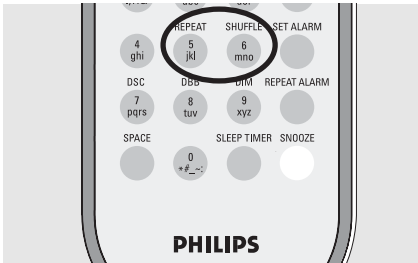
Repeat all  – repeats all the tracks (under current Artist, Genre or Album)

Repeat & shuffle   – repeats all the tracks (under current Artist, Genre or Album) in random order

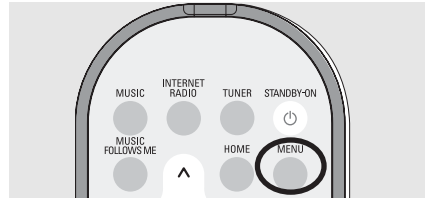
Shuffle  – all tracks (under current Artist, Genre or Album) are played in random order

Off – exit **REPEAT** and or **SHUFFLE** playing mode

- 1 On the remote control, press **REPEAT** or/and **SHUFFLE** once or more to select the different playing modes



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



or

- 1 Press **MENU** to enter the play modes menu
- 2 Press the navigation controls ▲ or ▼ and ► to select your option

Moving music playback between Philips Wireless Music Center and WAK3300 (Station)

Up to 5 Stations can be added to the Wi-Fi network of the Center. You will be able to move your music between the Center and the Stations via Wi-Fi. Even in different parts of your home, you and your family will still enjoy and share music with ease.

MUSIC FOLLOWS ME

As you move around the house, let the music move with you, between the **Center** and **Station** or between **Station** and **Station**.

On the source unit (Center or Station), where music is playing:

- 1 On **HD (MUSIC)** source, select and play the album or playlist you wish to play on the destination unit

Helpful hints:

– Press **▶||** to interrupt playback if you want the playback to continue from where it paused on the destination unit.

– Selected play modes (e.g. **REPEAT**, **SHUFFLE**, **PRESET**, **FM**) will be retained on the destination unit (see

Different play modes: REPEAT, SHUFFLE)

- 2 Press **MUSIC FOLLOWS ME** to activate the function



→ The icon  appears

Helpful hints:

– **MUSIC FOLLOWS ME** will be automatically deactivated if you do not activate **MUSIC FOLLOWS ME** on the destination unit within **5 minutes**

– To deactivate **MUSIC FOLLOWS ME**, press **MUSIC FOLLOWS ME** again or other function keys (e.g. **SLEEP TIMER** or **◀ / ▶ / ▲ / ▼**)

On the destination unit (Center or Station), where the music will continue:

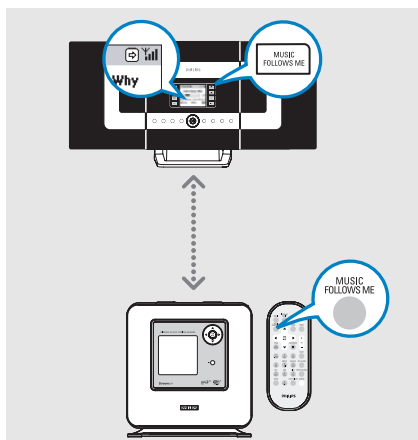
- 3 Check that you have switched the destination unit on or to standby mode
- 4 Select **MUSIC FOLLOWS ME**
 - Playback of the selected music will stop on the source unit and continues on the destination unit.
 - The icon  disappears
- 5 To stop **MUSIC FOLLOWS ME**, press **STOP**  on the destination unit

Helpful hints:

After **MUSIC FOLLOWS ME** is activated on the destination unit, on the source unit:

– make sure it is switched on or already in standby mode

– you can select and playback other tracks or source




MUSIC BROADCAST

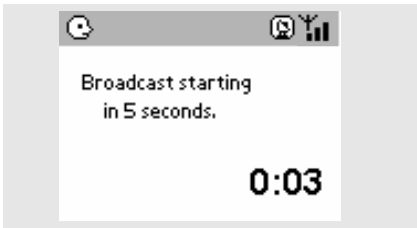
MUSIC BROADCAST allows you to broadcast music from the **Center** to **Stations**.

On Stations

- 1 Check that you have switched the Stations on or to standby mode

On the Center

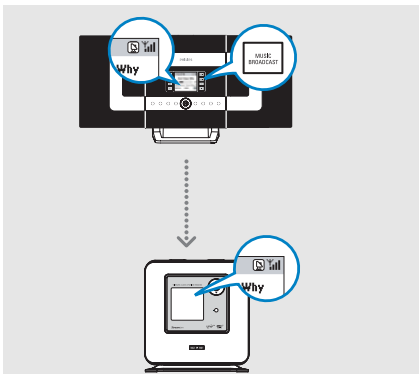
- 2 On **HD** source, select and play the album or playlist you wish to broadcast to the Stations
- 3 Press **MUSIC BROADCAST** to activate
 - The icon  appears on the Center and the Stations. 5-seconds countdown starts



→ On the Center and Stations:

Selected music will start to play simultaneously after the 5-seconds countdown

- 4 To stop **MUSIC BROADCAST**, press **STOP ■** on Center



Helpful hints:


– Press **STOP ■** on the Station to exit **MUSIC BROADCAST** on that station. To broadcast music to the Station again, press **STOP ■** on the Center and then, activate **MUSIC BROADCAST** again on the Center.

– **MUSIC BROADCAST** will also stop when:

- you switched the Center to Standby or ECO POWER mode;
- the selected album or playlist has reached the end.

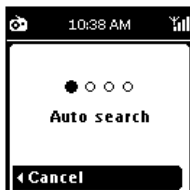
FM radio

Tuning to radio stations

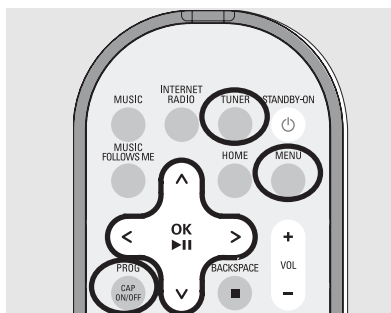
- 1 Check that your WAK3300 has been switched on
- 2 Press **TUNER** on the remote control to select the FM radio source
 - Playback screen appears. The display will show: , radio station frequency and a preset number (if programmed)



- 3 Press and hold **▲** or **▼** until the frequency in the display starts to run
 - The radio automatically tunes to a station of sufficient reception. Display shows **Auto search** during automatic tuning



- 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 detected



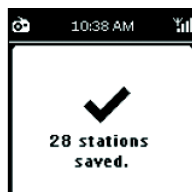
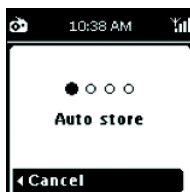
Programming radio stations

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

Autostore: automatic programming

Autostore automatically starts programming radio stations from preset 1.

- Select **Autostore**.
 - a. Press **MENU** to enter the function menu
 - b. Use the navigation controls **▲** or **▼** and **▶** to select **Autostore**
 - Display shows: **Autostore**
 - After all the available stations are stored, the display shows the total number of stored stations
 - The last selected station resumes playback



Manual programming

- 1 Tune to your desired radio station (see **Tuning to radio stations**)
- 2 On the remote control, press **PROG** (or **OK**) to store the station
 - The station is stored in the first vacant preset location. The display shows **Preset saved** followed by its preset number



- 3 Repeat steps 1-2 to store other stations

Helpful hint:

– If more than 40 stations are stored, the latest station will replace the earliest preset station.

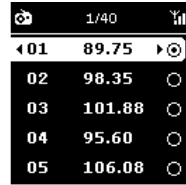
To listen to a preset station

- 1 In the playback screen, press **▶** to enter the list of preset stations



→ **▶** will not appear on the screen if the list of preset stations is empty

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



Helpful hints:

- If no action is executed for 3 minutes (default) during playback, the clock display will appear as the screen saver.
- When an action is detected, you will enter the playback/menu screen.

Alarm

Setting alarm

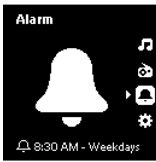
WAK3300 provides a variety of alarm settings to meet your different needs.

Before setting the alarm, check that your WAK3300's clock settings are correct.

To set alarm, follow the subsequent steps of setting alarm time, selecting repeat mode and selecting alarm sound source.

Set alarm time

- 1 Press **HOME** to enter the main menu, and then select the **Alarm** menu by pressing the navigation controls **▲** or **▼** and **▶**

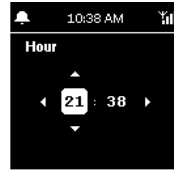


- 2 Press **▲** or **▼** and **▶** to select **Alarm on** to turn on the alarm
- 3 Press **▲** or **▼** and **▶** to select **Alarm time**



→ You will enter the alarm setting mode.
The hour digits are highlighted

- 4 Press the navigation controls **▲** or **▼** repeatedly to set the hour
or
Use the **alphanumeric keys** to input your desired hour digits



→ The minute digits are highlighted



- 5 Repeat **Step 4** to set the minute
- 6 Press **OK** to confirm the alarm setting

Set repeat mode

When the alarm sounds at the preset alarm time, you can have it de-activated temporarily and repeated after a certain period.

- 1 In the **Alarm** menu, press **▲** or **▼** and **▶** to select **Repeat**



- The display shows the list of repeat modes
Once: activates the alarm only once
Daily: repeats the alarm every day
Weekdays: repeats the alarm on each weekday
Weekend: repeats the alarm on each weekend
- 2 Press **▲** or **▼** and **▶** to select the desired repeat mode

Select alarm sound source

The alarm sound can be your favorite songs, radio stations or just buzz.

- 1 In the **Alarm** menu, press ▲ or ▼ and ► to select **Source**
 - The display shows the list of alarm sound sources



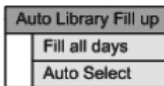
- 2 Press ▲ or ▼ and ► to select the desired alarm sound source

To use Music as the alarm sound source

- 3 Create an alarm music library



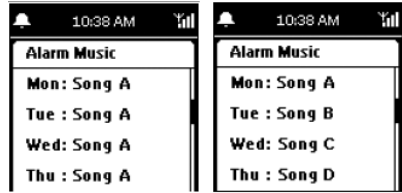
- a. Use the navigation controls ▲ or ▼ and ► to enter a library
 - The display will show the music library of the devices currently connected to WAK3300
- b. Use the navigation controls ▲ or ▼ and ► to select your desired track
 - The display shows the music selection options:



Fill all days: uses the selected song for all days

Auto Select: uses the selected song for the first day; and for other days, randomly assigns different songs from the album, artist or genre of the selected song

- c. Press **OK** to confirm
 - The selected songs are transferred to the alarm music library



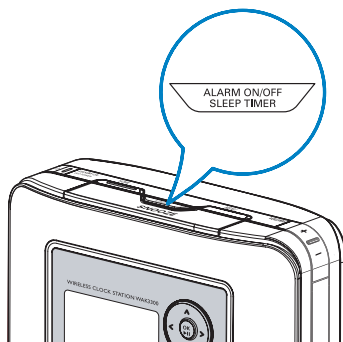
To use Radio as the alarm sound source


- 4 Select a preset radio station (see **FM radio: Programming radio stations**)
 - a. In the list of preset radio stations, use the navigation controls ▲ or ▼ and ► to select your desired preset station
 - b. Press **OK** to confirm

Alarm

Turning on/off the alarm

- 1 On the set, press the **ALARM ON/OFF** button to turn the alarm on or off




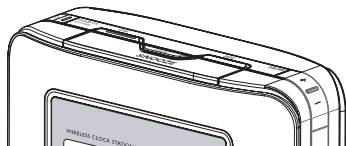
- The display shows **Alarm on** or **Alarm off**
- The icon  will appear or disappear correspondingly

De-activating the alarm temporarily

Stop alarm for an 8-minute period

When the alarm sounds at the preset alarm time, you can stop it after a certain period .

- 1 When the alarm sounds, press the **SNOOZE** button
 - The alarm will be muted for 8 minutes
 -  appears during the 8-minute period



- 2 Press **SNOOZE** again if desired

Helpful hint:

If you continue to press **SNOOZE** every other 8 minutes and not stop the alarm, this cycle will continue for another hour before the alarm ceases

Stop alarm for a preset period

- 1 When the alarm sounds, press **REPEAT ALARM** on the remote control
 - The alarm stops and repeats itself after a set period (see **Setting alarm: Set repeat mode**)



Helpful hint:

To check the alarm setting, press and hold **SNOOZE** until the clock display appears

Connecting to external Wi-Fi network

WAK3300 can easily connect to different external Wi-Fi networks

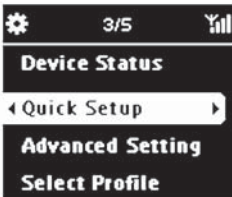
Create a connection profile

To establish a connection to external networks, create a connection profile first.

- 1 Press **HOME** to enter the main menu, and then select the **Setting** menu by pressing the navigation controls **▲** or **▼** and **▶**



- 2 Use the navigation controls **▲** or **▼** and **▶** to select **Network** followed by **Quick Setup**



- The **Select Network** screen appears
- **Searching...** will appear when the set is searching for available networks
- The list of networks appears

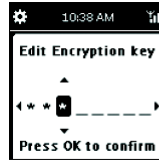
Helpful hints:

– If your desired network is not in the list, check that the IP broadcasting function is enabled on the PC, then press the navigation controls **▲** or **▼** and **▶** to select **Rescan the Network**

- 3
 - a. Press the navigation controls **▲** or **▼** and **▶** to select the desired network
 - b. Set the Encryption key:
 - i. Enter the Encryption key (WEP or WPA) using the alphanumeric keys if you have already set an Encryption key for the network

or

Press the navigation controls **▲** or **▼** repeatedly to select a letter, digit or symbol
b2. Press **OK** to confirm



- c. Select **Auto (DHCP)**

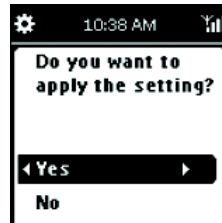


Helpful hints:

– Check that the automatic IP allocation (DHCP) function is enabled in the network's Access Point. For details, refer to your Access Point's user manual.

– You can also select **Static IP** and assign an IP address as prompted using the alphanumeric keys.

- d. If you use the connection profile for Internet access and you visit websites via a proxy server, enable the proxy server function and configure the proxy port as prompted
- e. Select **Yes** to apply the setting



- WAK3300 will be restarted
- The main menu will appear when the connection is finished

Network setting

Edit the connection profile

- 1 Follow the steps **1** to **2** under **Create a connection profile**
- 2 Press the navigation controls ▲ or ▼ and ► to select the network (connection profile) to be changed
- 3 Press ▲ or ▼ and ► to select **Other (Advanced)**
 - a. Edit the network name (SSID) using the alphanumeric keys, and press **OK** to confirm



- b. In **Network Type:**
Select **Ad-hoc** (direct connection, without Access Point) or **Infrastructure** (via an Access Point)



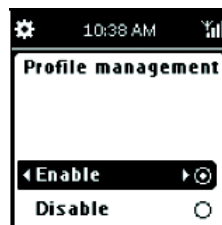
- c. Set the Encryption key:
 - c1. Select an Encryption key: WEP or WPA
 - c2. Create the key (4 keys can be created in total) using the alphanumeric keys or the ▲/▼ key
 - c3. Select an active network
- d. Follow the steps **3c**, **3d**, **3e** under **Create a connection profile**
 - WAK3300 will be restarted
 - The main menu will appear when the connection is finished

Save preset connection profiles

To establish connections to more than one network, you will need to create more than one connection profile.

In WAK3300, you will be able to save up to 3 preset connection profiles. According to the network environment, select and apply the connection profile that meets your needs.

- 1 Create your desired connection profile (see **Create a connection profile**, **Edit the connection profile**)
- 2 a. In the **Network** menu, press ▲ or ▼ and ► to select **Advanced Setting** followed by **Profile Management**

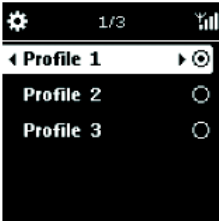


- b. Select the **Enable** checkbox
- 3 Press ◀ to return to the option list under **Network**
 - 4 Press ▲ or ▼ and ► to select **Quick Setup**
 - The option list of **Load Profile** appears

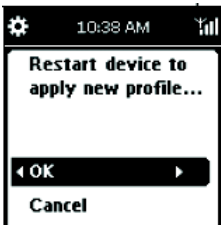
- 5 Press ▲ or ▼ and ► to select an empty preset location
→ The list of networks appears
- 6 Press ▲ or ▼ and ► to select the desired connection profile
- 7 Enter the desired connection profile and apply it as prompted
→ The option list of **Save to Profile** appears
- 8 Press ▲ or ▼ and ► to select an empty preset location

To select and apply a new connection profile

- 1 In the **Network** menu, press ▲ or ▼ and ► to select **Select Profile**
- 2 Press ▲ or ▼ and ► to select your desired connection profile



- 3 Press ▲ or ▼ and ► to select **OK** to apply the new profile



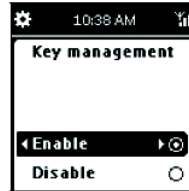
→ After the settings have been applied, the set will restart itself automatically

Change the encryption key of a connection profile

- 1 a. In the **Network** menu, press ▲ or ▼ and ► to select **Advanced Setting** followed by **Key Management**



- b. Select the **Enable** checkbox



- 2 Press ◀ to return to the option list under **Network**
- 3 Press ▲ or ▼ and ► to select **Quick Setup**
→ The list of networks appears
- 4 Press the navigation controls ▲ or ▼ and ► to select the network (connection profile) to be changed
→ The **Select key index** screen appears
- 5 a. Press ▲ or ▼ and ► to select the key to be changed
b. Edit the key using the alphanumeric keys or the ▲/▼ key
c. Select an active key

Helpful hint:

– To change the encryption key of the preset connection profile, also enable **Profile Management**.

Device setting

Setting sleep timer

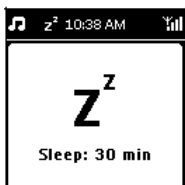
You can preset a certain period of time after which the set will automatically switch to standby mode.


- On the remote control,
 - a. Press and hold **SLEEP TIMER** until **Sleep Timer - Off** appears
 - b. Press **SLEEP TIMER** briefly and repeatedly until the desired time period appears on the display



or

- ① Press **HOME** to enter the main menu, and then select the **Setting** menu by pressing the navigation controls **▲** or **▼** and **▶**
- ② Use the navigation controls **▲** or **▼** and **▶** to select **Device** followed by **Sleep Timer**
 - The display shows the following options: **Sleep 15, 30, 45, 60, 90, Off**
 - Display shows the selected option briefly and returns to its previous status. The icon **Z^Z** appears



- ③ To view the countdown time to standby mode, press **SLEEP** again
To deactivate the sleep timer, press **SLEEP TIMER** repeatedly until **Off** is displayed
or
Press **STANDBY-ON/ ECO POWER**  to switch the set to standby mode

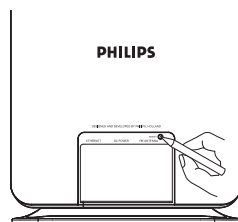
Reset

If desired, you can restore your WAK3300 to its default settings (including the network setting).

Reset WAK3300:

- To change WAK3300's connected music source (e.g. from Philips Music Center to UPnP Music Server or vice versa)
- To re-establish the Wi-Fi connection between WAK3300 and Philips Wireless Music Center.

- ① Use a sharp-pointed tool to press the **RESET** hole on the set



→ The display shows **Restore factory setting**

- ② Use the navigation controls **▲** or **▼** and **▶** to select **Yes**



→ The set will reboot.

- ③ Follow the steps under the **Installation** chapter
 - You will re-establish the Wi-Fi connection between WAK3300 and Philips Wireless Music Center or a UPnP-enabled music server

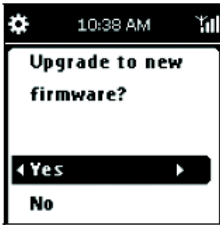
Helpful hints:

You can also perform resetting by:

- a. Entering the **Setting** menu from the main menu
- b. Using the navigation controls **▲** or **▼** and **▶** to select **Device** followed by **Restore**

Firmware upgrade

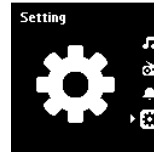
- 1 a. Check that WAK3300 is connected to an Access Point with Internet access (see **Installation: Connecting WAK3300 to a UPnP-enabled music server**)
b. Check that the connection profile for Internet access is applied (see **Network setting: Create a connection profile**)
- 2 Press **HOME** to enter the main menu, and then select the **Setting** menu by pressing the navigation controls ▲ or ▼ and ►
- 3 Use the navigation controls ▲ or ▼ and ► to select **Device** followed by **Firmware**
→ The display shows **Upgrade to new firmware?**



- 4 Press ▲ or ▼ and ► to select **Yes**
→ The set starts to upgrade the firmware
→ After firmware upgrading is complete, the set will restart itself automatically
- 5 Follow the steps under the **Installation** chapter

Renaming the device

- 1 Press **HOME** to enter the main menu, and then select the **Setting** menu by pressing the navigation controls ▲ or ▼ and ►



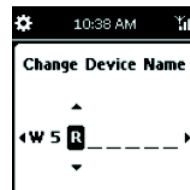
- 2 Use the navigation controls ▲ or ▼ and ► to select **Network**, followed by **Advanced Setting** and **Edit Device Name**



- 3 To change current device name, use the navigation controls ▲ or ▼ and ► to select **Change name**



- 4 Enter a new device name using the alphanumeric keys (see **Preparation: Using alphanumeric keys**)
or
Press the navigation controls ▲ or ▼ repeatedly to select a letter, digit or symbol



Troubleshooting

WARNING

Never 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 resolve a problem by following these hints, consult your dealer or Philips for help.

Problem	Solution
During the first-time setup, the display on WAK3300 shows “Searching for Center” for a long time.	<ul style="list-style-type: none">✓ Check that you have placed the Center and WAK3300 side by side on a flat and firm surface✓ Check that the Center is already in Installation mode✓ Turn off the wireless Access Point nearby if you have difficulties in connecting the Center and WAK3300.
I get interference on my wireless (Wi-Fi) link between the Center and Station. Philips Wireless Music Center/WAK3300 (Station) operate in the 2.4GHz radio frequency spectrum. Many other household/IT devices also operate in the frequency spectrum, such as microwave ovens, Dect phones, bluetooth devices like bluetooth headphones, computer mouse, wireless routers, cordless phones, Wi-Fi compatible printers, PDAs. These devices may interfere with the Wi-Fi link between the Center and WAK3300, resulting in interference such as pausing during playback, slow response to your operation. The severity of interference varies, depending on the extent of radiation from the device and the strength of Wi-Fi signals in the position.	<p>If you are playing the set, stop playback and take the appropriate measures as follows:</p> <ul style="list-style-type: none">✓ Keep the Center and WAK3300 at least 3 meters away from such devices.✓ If possible, change the operating channels of the other Wi-Fi devices at your home.✓ Turn the devices in different directions to minimize interference.
WAK3300 is unable to connect a UPnP music server.	<ul style="list-style-type: none">✓ Enable the UPnP server function on the UPnP device✓ Turn off the firewall running on the UPnP device✓ When connecting the DRM-enabled UPnP device, authorize WAK3300 in the UPnP device or update the license
WAK3300 is unable to play a few music files on the UPnP music server	<ul style="list-style-type: none">✓ The music files have already been deleted from the UPnP server✓ For DRM-protected music files, install and enable Window Media Connect® on the UPnP device✓ When connecting DRM-enabled UPnP device, authorize WAK3300 in the UPnP device or update the license✓ Turn off WAK3300 and turn it on again.
WAK3300 does not react when buttons are pressed	