

PHILIPS

Internet Radio

M2805



User manual

Register your product and get support at
www.philips.com/support

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1 Important

Safety

Read and understand all instructions before you use this product. If damage is caused by failure to follow the instructions, the warranty does not apply.



This 'bolt of lightning' indicates uninsulated material within the device may cause an electrical shock. For the safety of everyone in your household, please do not remove the covering. The 'exclamation mark' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

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

CAUTION: To prevent electric shock, fully insert the plug. (For regions with polarized plugs: To prevent electric shock, match a wide blade to a wide slot.)

Warning

- Never remove the casing of this apparatus.
- Never lubricate any part of this apparatus.
- Never place this apparatus on other electrical equipment.
- Keep this apparatus away from direct sunlight, naked flames or heat.
- Make sure that you always have easy access to the power cord, plug or adaptor to disconnect the apparatus from the power.

- The device should not be exposed to dripping and splashing.
- Do not place any source of danger on the device (e.g. liquid filled objects. lit candles).
- Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Make sure that there is enough free space around the product for ventilation.
- Battery usage CAUTION - To prevent battery leakage which may result in bodily injury, property damage, or damage to the unit.
- Install the batteries with correct polarities as indicated.
- Batteries (packed or installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Remove batteries when the unit is not to be used for a long time.
- Only use attachments / accessories specified by the manufacturer.



Caution

- To avoid hearing damage, limit the time you use the headphones at high volume and set the volume to safe level.
- The louder the volume, the shorter is the safe listening time.

Hearing safety

Be sure to observe the following guidelines when using your headphones.

- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume as your hearing adapts.
- Do not turn up the volume so high that you can't hear what's around you.
- You should use caution or temporarily discontinue use in potentially hazardous situations.
- Excessive sound pressure from earphones and headphones can cause hearing loss.

2 Your Internet radio

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/support.

Introduction

With this unit, you can:

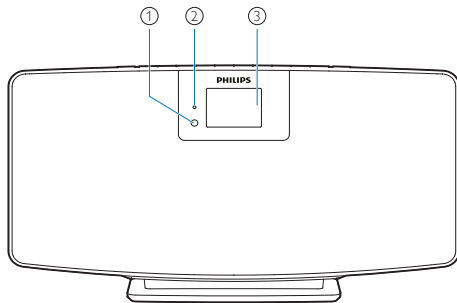
- Listen to Internet radio through network connection.
- Listen to FM and Digital Audio Broadcasting (DAB) radio.
- Play audio from Bluetooth devices.
- Use your phone, tablet or computer as a remote control for Spotify.
- Know the time and set an alarm.

What's in the box

Check and identify the contents of your package:

- Main unit
- Table stand
- 1 x AC power adapter
- 1 x radio antenna
- Remote control (with 2 x AAA batteries)
- Printed materials

Overview of the main unit

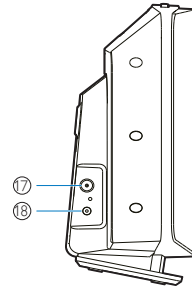
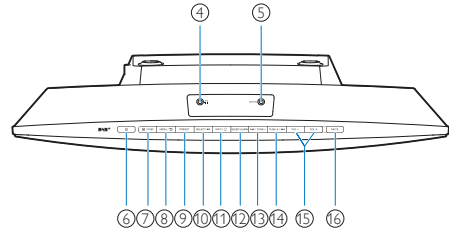








- ① IR sensor
- ② LED indicator

- Standby indicator: turns red when this product is switched to standby.

③ Display panel


- Show current status.





- ④  Headphone socket.
- ⑤ **AUX IN**
 - Connect to an external audio device.
- ⑥  Switch on or to standby.
- ⑦  / **PAIRING**
 - Press to select a source: FM, DAB+, AUDIO IN, BT.
 - In Bluetooth mode, press and hold for more than 2 seconds to enter pairing mode.
- ⑧ **MENU** /  Go to the main menu.
- ⑨ **PRESET**
 - Select a preset Internet radio station, FM radio station or DAB+ station.
- ⑩ **SELECT** /  Confirm selection.
- ⑪ **INFO** / 


- Show information.
 - Adjust backlight brightness.
- ⑫ **SLEEP/ALARM**
- Set alarm and sleep options.
- ⑬ **◀◀ / TUNE -**
- Skip to previous track;
 - Tune to the previous radio station.
- ⑭ **TUNE + / ▶▶**
- Skip to next track;
 - Tune to the next radio station.
- ⑮ **VOL - and VOL +**
- Adjust volume.
- ⑯ **MUTE**
- Mute volume.
- ⑰ **ANT**
- Connect to the supplied radio antenna.
- ⑱ **DC IN JACK**
- Connect to the supplied power adaptor.

- Press to go to Graphical Main Menu;
- Internet Radio, Spotify, DAB radio, FM radio, BT mode, AUX IN mode.
- Press and hold to switch to BT mode.

- ③ 
- Display playback information or radio service information.

- ④ 
- Select an FM station.
 - Select a DAB+ station.
 - Program radio stations.
 - Auto store radio stations.
 - Adjust volume.
 - Select AUDIO IN source.


- ⑤ 
- Select a preset radio station.


- ⑥ ^{DC IN}
- Back to the previous menu.

- ⑦ **SOUND / DBB**
- Select a preset sound effect.
 - Turn DBB on or off.

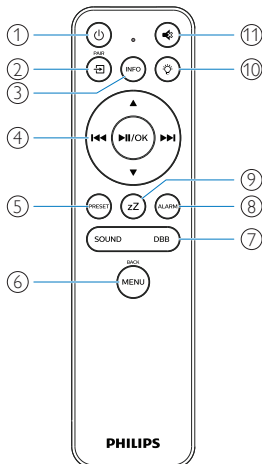
- ⑧ 
- Set an alarm timer.


- ⑨ 
- Set a sleep timer.

- ⑩ 
- Adjust backlight brightness.

- ⑪ 
- Mute or restore volume.

Overview of the remote control



- ① 
- Switch on or to standby.

- ② 

3 Get started



Caution

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

Always follow the instructions in this chapter in sequence.

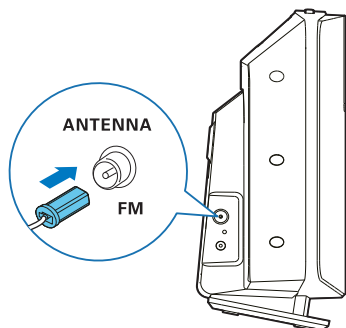
If you contact Philips, you will be asked for the model and serial number of this product.

Model No. _____

Serial No. _____

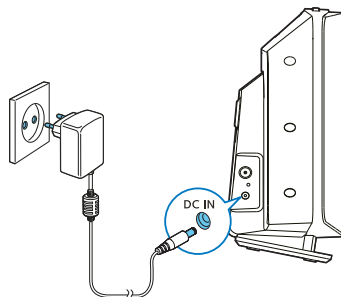
Connect the radio antenna

Connect the supplied radio antenna to this product before listening to the radio.



Connect power

Connect the power cord to the wall socket.



Caution

- Risk of product damage! Make sure that the power supply voltage corresponds to the voltage printed on the back or the underside of the unit.
- Risk of electrical shock! Before you plug the AC power adaptor; make sure that the adaptor plug converter is fixed securely. When you unplug the AC power adaptor; always pull the plug, never the cord.
- Before you connect the AC power adaptor; make sure that you have completed all the other connections.

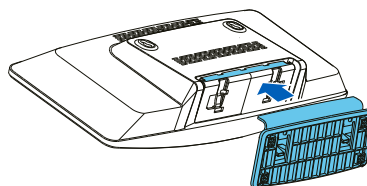
Place your product

Before you place this product on the table, attach the supplied table stand to the main unit, as illustrated below.



Tip

- See the attached wall mounting sheet for how to mount this product onto the wall.



Prepare the remote control

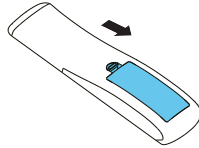


Caution

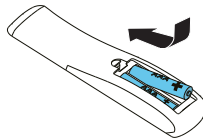
- Risk of product damage! When the remote control is not used for long periods, remove the batteries.
- Batteries contain chemical substances and should be disposed of properly.

To insert the remote control batteries:

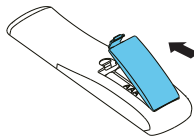
- 1 Open the battery compartment.



- 2 Insert the supplied 2 AAA batteries with correct polarity (+/-) as indicated.



- 3 Close the battery compartment.



Power on

Press

- ↳ When the unit is turned on, it is tuned to the last selected source.

To switch to standby mode, press again.

- ↳ The display panel is dimmed.
- ↳ The time and date (if set) are displayed.



Note

- If the system is idle for 15 minutes, the radio will switch to standby mode automatically.

To switch to the main display:

- 1 Press

- ↳ The display panel will show as below:



Internet Radio

- 2 Press the navigation buttons to choose the menu options.

Perform initial setup

Follow the instructions below to configure some basic settings.

To listen to the internet radio, you need to set up a Wi-Fi connection first. Wi-Fi Protected Setup (WPS) is a standard created by Wi-Fi Alliance for easy establishment of secure wireless home networks. If your wireless router supports WPS, you can quickly and securely connect the radio to the router through one of the two setup methods: Push Button Configuration (PBC), or Personal Identification Number (PIN).

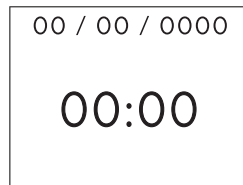
For those that do not support WPS, you have another option to connect the radio to the wireless router:



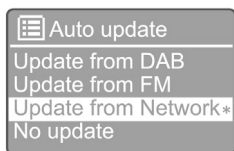
Note

- Before you connect to a network, familiarize yourself with the network router.
- Make sure that your home Wi-Fi network is enabled.

- 1 When the product is powered on for the first time, the display will show up.



- 2 Press **[Power]**.
- 3 **[Language]** will be displayed.
 - Press the navigation buttons to choose your preferred language.
- 4 **[Privacy notice]** will be displayed.
 - Press **[Select]** or **[OK]** to confirm.
- 5 **[Setup wizard]** will be displayed.
 - Follow the instructions below to configure some basic settings.
- 6 When **[Setup wizard]** is displayed,
 - Press the navigation buttons to select **[YES]** and start the setup.
 - Press **[Select]** or **[OK]** to confirm. If you select **[NO]**, you will be asked to run the wizard next time.
- 7 When **[12/24 hour format]** is displayed,
 - Press the navigation buttons to select 12 or 24 hour format, then press **[Select]** or **[OK]** to confirm.
- 8 When **[Auto update]** list is displayed,
 - Press the navigation buttons to choose your preferred time update method, then press **[Select]** or **[OK]** to confirm.



[Update from DAB] : Synchronize time with DAB stations.

[Update from FM] : Synchronize time with FM stations.

[Update from Network*] : Synchronize time with Internet Radio stations.

↳ If **[Update from Network]** is selected, repeat Step 6 to set time zone, and then repeat Step 6 to set daylight saving time and to set if the product will keep network always connected.

[No update] : Deactivate time synchronization.

↳ If **[No update]** is selected, repeat Step 7 to set date and time.

- 9 When **[Set timezone]** is displayed,
 - Press the navigation buttons to select the timezone you are located.

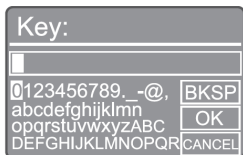
- 10 When **[Daylight savings]** is displayed,
 - Press the navigation buttons to select **[YES]** to use daylight saving.
 - Press **[OK]** to confirm.
 - If you select **[NO]**, you will be asked to run the wizard next time.
- 11 When **[Network settings]** is displayed,
 - Press the navigation buttons to select **[YES]** to keep the network connected.
 - Press **[OK]** to confirm.
 - ↳ The radio begins to search for wireless networks automatically.
 - ↳ A list of available Wi-Fi networks appears.
- 12 When **[SSID]** is displayed,
 - Press the navigation buttons to select the network.
 - Press **[OK]** to select an option to connect your wireless router.

WPS Setup

Push the WPS button on your wireless router. Press **[Select]** on the product to continue.

- **[Push Button]**: Select this option if your wireless router supports WPS and PBC setup method. You are prompted to press the connect button on your router and then press **[OK]** to continue.
 - **[Pin]**: Select this option if your wireless router supports WPS and PIN setup method. The radio generated an 8-digit code number that you can enter into the router.
 - **[Skip WPS]**: Select this option if your wireless router does not support WPS. You are prompted to enter the key for your Wi-Fi network.
- 13 As instructed on the display panel, press WPS button or enter the pin on your wireless router, or enter the key to connect to your network (The options displayed depend on the type of your network and network protection used).

- When entering the key of the network, to select a character, press the navigation buttons, then press [OK] to confirm.



- To cancel, press the navigation buttons to [CANCEL], then press [OK] to confirm.
- To delete your entry, press the navigation buttons to [BKSP], then press [OK] to confirm.
- To exit the process, press [MENU]. If the network is established, [Connected] is displayed.

- 14 When [Setup wizard completed] appears, press [OK] to exit the setting.



Note

- For some Wi-Fi routers, you may need to hold the WPS button for Wi-Fi connection. See the user manuals of the specific routers for detail.
- To run the setup wizard again, select [System settings] > [Setup wizard] menu (see the Chapter "Use system settings menu").

4 Listen to the Internet radio


Note

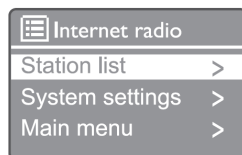
- Make sure that your home Wi-Fi network is enabled.

The radio can play thousands of radio stations from around the world through the Internet connection.

Use menu in Internet radio mode station list

Once the Internet connection is established, you will find a list of stations displayed. Select one to start broadcasting.


- 1 Select Internet radio mode.
 - ↳ The radio starts connecting to the previously connected network, and then tunes to your last listened Internet radio station.
 - ↳ If network connection had not been established before, the radio starts searching for wireless networks automatically (Refer to the selection "Get started" > "Perform initial setup" or "Use system settings menu" > "Adjust network settings" to establish network connection).
- 2 Press  to access the main menu.
- 3 Press the navigation buttons to choose the menu options:



[**Station list**]: Tune to any available Internet radio stations.

[**System settings**]: Adjust system settings (the same menu option for all working modes. See the chapter "Use system settings menu" for details).

[**Main menu**]: Access main menu (the same menu option for all working modes. See the Chapter "Use main menu" for details).

- 4 To select an option, press [OK].
- 5 Repeat steps 3 to 4 if any sub-option is available under one option.
 - To return to the previous menu, press .

[**Station list**]

[**China**]: Tune to any available Internet radio stations in China, such as pop music, classic music, business news and so on.

[**Stations**]

[**History**]: Browse Internet radio stations by history.

[**Search**]: Search for Internet radio stations. To search, press the navigation buttons to enter a keyword by selecting characters, then press [SELECT].

[**Location**]: Browse Internet radio stations by location.

[**Popular**]: Tune to the most popular stations on the Internet.

[**Discover**]: Tune to discover list for Internet radio.

Store Internet radio stations

 Note

- You can store a maximum of 20 Internet radio stations.

- 1 In Internet radio mode, tune to an Internet radio station.
- 2 Press and hold [PRESET] for 2 seconds.
 - ↳ The preset station list is displayed.
- 3 Press the navigation buttons to select a preset number, then press [SELECT] to confirm.
 - ↳ [Preset stored] is displayed.
 - ↳ The station is stored in the selected position.

Select a preset Internet radio station

- 1 In Internet radio mode, press [PRESET].
- 2 Press the navigation buttons to select a number, then press [SELECT] to confirm.

Show Internet radio station information

While listening to Internet radio, press and hold [INFO] repeatedly to scroll through the following information (if available):

- Artist and track name
- Station description
- Station genre and location
- Codec and sampling rate
- Playback buffer
- Date

 Note

- If no button is pressed within 15 seconds, the menu will exit.
- Station lists and submenus may change from time to time and vary by locations.


5 Listen to Spotify

- Use your phone, tablet or computer as a remote control for Spotify.
- Go to www.spotify.com/connect to learn how.
- The Spotify software is subject to third party licenses found here: www.spotify.com/connect/third-party-licenses/

6 Listen to DAB radio

Tune to DAB radio stations

The first time you select DAB radio mode, or if the station list is empty, the radio performs a full scan automatically.

- 1 Press  to access the main menu.
- 2 Press the navigation buttons to choose the menu options, then select **[DAB]** mode.
 - ↳ **[Scan]** is displayed.
 - ↳ The radio scans and stores all the DAB radio stations automatically, and then broadcasts the first available station.
 - ↳ The station list is memorized on the radio. Next time when you turn on the radio, the station scan will not take place.

To tune to a station from the available station list

In DAB mode, press the navigation buttons to navigate through the available DAB stations.

Tip

- The stations may change from time to time. To update the station list, select the **[Scan]** menu to perform a full scan.

Store DAB radio stations

Note

- New stations and services are added in DAB broadcasts from time to time. To make new DAB stations and services available, perform the scan regularly.
- You can store a maximum of 20 DAB radio stations .

- 1 In DAB mode, tune to a DAB radio station.
- 2 Press and hold **[PRESET]** for more than 2 seconds.
 - ↳ The preset station list is displayed.
- 3 Press the navigation buttons to select a preset number; then press **[SELECT]** or **[OK]** to confirm.
 - ↳ **[Preset stored]** is displayed.
 - ↳ The station is stored in the selected position.

Select a preset DAB radio station

- 1 In DAB mode, press **[PRESET]**.
- 2 Press the navigation buttons to select a number; then press **[SELECT]** or **[OK]** to confirm.

DAB menu selection and information display

- 1 In DAB mode, press **[MENU]** to access the DAB menu.
- 2 Press the navigation buttons to toggle the menu options.



[Station list]: Display all DAB radio stations. If no station is found, the radio starts to scan DAB stations and add them to the station list.

[Scan]: Scan and store all available DAB+ radio stations.

[Manual tune]: Tune to a DAB+ station manually.

[Prune invalid]: Remove invalid stations from the station list.

[DRC]: Compress the dynamic range of a radio signal, so that the volume of quiet sounds is increased, and the volume of the loud sounds is reduced.

[Station order]: Enable you to define how the stations are arranged when scrolling the station list.

[System settings]: Adjust system settings.

[Main Menu]: Access main menu (See the Chapter "Use main menu").

3 To select an option, press [SELECT] or [OK].

4 If a sub-option is available, repeat steps 2-3.

- To exit the menu, press [MENU] / [INFO] again.

[Prune invalid]

↳ [Yes]: Remove all the invalid stations from the station list.

↳ [No]: Return to the previous menu.

[DRC]

↳ [DRC high]: Switch DRC on to a high level (the default option recommended for noisy environments).

↳ [DRC low]: Switch DRC on to a low level.

↳ [DRC off]: Switch DRC off.

[Station order]

↳ [Alphanumeric]: Arrange the stations in alphabetical order (default setting).

↳ [Ensemble]: List groups of stations that are broadcast together on the same ensemble (i.e.: BBC or South Wales local).

 Note

- If no button is pressed within 15 seconds, the menu will exit.

Display DAB+ information

While listening to DAB radio, press [MENU] / [INFO] repeatedly to display various information (if available).

- Station name
- Dynamic Label Segment (DLS)
- Signal Strength
- Program type (PTY)
- Ensemble Name
- frequency
- Signal error rate
- Bit rate and audio status
- Codec
- Time and date

7 Listen to FM radio

Tune to FM radio stations

- 1 In the main menu, select [FM] mode.
- 2 Press and hold (◀◀ or ▶▶) for more than 2 seconds.
 - ↳ The radio tunes to an FM radio station with strong reception automatically.
- 3 Repeat Step 2 to tune to more stations.
 - ↳ To tune to a weak station: Press and hold (◀◀ or ▶▶) repeatedly until you find an optimal reception.

Store FM radio stations

 Note

- You can store a maximum of 20 FM radio stations.

- 1 In FM mode, tune to an FM station.
- 2 Press and hold [PRESET] for 2 seconds until [Save to Preset] is displayed.
- 3 Press the navigation buttons to allocate a number from 1–20 to this radio station, then press [SELECT] to confirm.
 - ↳ [Preset stored] is displayed.
- 4 Repeat steps 1-3 to program more stations.

 Note

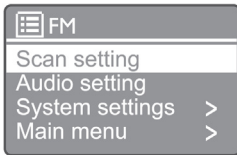
- To overwrite a programmed station, store another station in its place.

Select a preset FM radio station

- 1 In FM mode, press [PRESET].
- 2 Press the navigation buttons to select a number, then press [SELECT] to confirm.

Use menu in FM mode

- 1 In FM mode, press [MENU] to access the FM menu.
- 2 Press the navigation buttons to scroll through the menu options:



[Scan setting]

[Audio setting]

[System settings]: Adjust system settings (see the Chapter "Use system settings menu").

[Main menu]: Access main menu (see the Chapter "Use main menu").

- 3 To select an option, press [SELECT].
- 4 Repeat steps 2-3 if any sub-option is available under one option.
 - To return to the previous menu, press [MENU].

[Scan setting]

[Strong stations only?]

↳ [YES]: Scan FM radio stations with strong signals only.

↳ [NO]: Scan all the available FM radio stations.

[Audio setting]

[Listen in Mono only?]

↳ [YES]: Select mono broadcast

↳ [NO]: Select stereo broadcast

Note



- If no button is pressed within 15 seconds, the menu will exit.

Display RDS information

RDS (Radio Data System) is a service that allows FM stations to show additional information. If you listen to an FM station with RDS signal, an RDS icon and the station name will be displayed.

- 1 Tune to an RDS station.
- 2 Press [MENU] / [INFO] repeatedly to display various RDS information (if available):
 - Station name
 - Radio text messages
 - Program type
 - Frequency
 - Date

8 Play from Bluetooth enabled devices


- 1 Press  to select the Bluetooth source using the remote control.
 - ↳ [BT] is displayed.
 - ↳ The Bluetooth LED indicator flashes blue.
- 2 On your device that supports Advanced Audio Distribution Profile (A2DP), enable Bluetooth and search for Bluetooth devices that can be paired (refer to the user manual of your Bluetooth device).
- 3 Select "Philips M2805" on your Bluetooth enabled device and if necessary input '0000' as the pairing password.
 - ↳ If you fail to search for "Philips M2805" or cannot pair with this product, press and hold  for more than 2 seconds to enter pairing mode.
 - ↳ After successful pairing and connection, the Bluetooth LED indicator turns solid blue.
- 4 Play audio on the connected device.
 - ↳ Audio streams from your Bluetooth enabled device to this product.

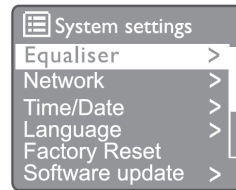
To disconnect the Bluetooth-enabled device, deactivate Bluetooth on your device.

Note

- Compatibility with all Bluetooth devices is not guaranteed.
- Any obstacle between this unit and your Bluetooth enabled device can reduce the operational range.
- The effective operation range between this unit and your Bluetooth enabled device is approximately 10 meters (33 feet).
- This unit can memorize up to 8 previously connected Bluetooth devices.

9 Use system settings menu

- 1 In working mode, press  to access the main menu.
- 2 Press the navigation buttons to scroll through the menu options.
- 3 Select [System settings], then press [OK] to confirm.
- 4 Repeat steps 2 to 3 to select an option.



[Equaliser]: Select equaliser mode.

[Network]: Enable you to establish network connection.

[Time/Date]: Set time and date.

[Language]: Select system language.

[Factory Reset]: Reset the radio to factory default status.

[Software update]: Check the software update information.

[Setup wizard]: Instruct you to perform initial setup.

[Info]: Check the software version.

[Privacy Policy]: View privacy notice.

[Backlight]: Adjust backlight settings.

Note

- If no button is pressed within 15 seconds, the menu will exit.

Set system language

- 1 Select [System settings] > [Language].
 - ↳ A language list is displayed.
- 2 Press the navigation buttons to scroll through the menu options.
- 3 Press [SELECT] to confirm.

Adjust network settings

- 1 Select **[System settings]** > **[Network]**.
- 2 Press the navigation buttons to scroll through the menu options.
- 3 Press **[SELECT]** to confirm.

[Network wizard]: Instruct you to establish network connection.

[PBC Wlan setup]: Select this option if your wireless router supports WPS and PBC setup method.

[View settings]: View the current network information.

[Manual settings]

[DHCP enable]: Allocate IP address automatically.

[DHCP disable]: Allocate IP address manually.

[NetRemote PIN Setup]: Setup net remote enter password.

[Network profile]: Display a list of the networks remembered by the radio.

[Clear network settings]: Clear network settings selection.

[Keep network connected?]: Select whether to keep the network connected.

Set time/date

- 1 Select **[System settings]** > **[Time/Date]**.
- 2 Press the navigation buttons to scroll through the menu options.
- 3 Press **[SELECT]** to confirm.



[Set Time/Date]: Set time and date.

[Auto update]

[Update from DAB]: Synchronize time with DAB stations.

[Update from FM]: Synchronize time with FM stations.

[Update from Network]: Synchronize time with Internet radio stations.

[No Update]: Deactivate time synchronization.

[Set format]: Set 12/24 hour format.

[Set timezone]: Set timezone.

[Daylight saving]: Activate or deactivate daylight saving time.

Note

- If you are updating time from DAB or FM, the daylight savings option has no effect.
- If you are updating from the network, set your timezone.

Reset all the settings

- 1 Select **[System settings]** > **[Factory Reset]**.
- 2 Press the navigation buttons to scroll through the menu options.
- 3 Press **[SELECT]** to confirm.

[Yes]: Reset the radio to factory default status.

[No]: Reset to the previous menu.

Check software information and upgrade the firmware (if available)

- 1 Select **[System settings]** > **[Software update]**.
- 2 Press the navigation buttons to scroll through the menu options.
- 3 Press **[SELECT]** to confirm.

[Auto-check setting]: Select whether to check new software versions periodically.

[Check now]: Check new software versions immediately.

Note

- If the radio detects that new software is available, it will ask if you want to go ahead with an update. If you agree, the new software will be downloaded and installed. Before the software upgrade, make sure that the radio is connected to a stable mains power connection. Disconnecting power during a software update may damage the product.


Check the software version

- 1 Select [**System settings**] > [**Info**].
- 2 Press the navigation buttons to scroll through the menu options.
- 3 Press [**SELECT**] to confirm.
↳ The current software version will be displayed.

Adjust backlight settings

- 1 Select [**System settings**] > [**Backlight**].
- 2 Press the navigation buttons to scroll through the menu options.
- 3 Press [**SELECT**] to confirm.
[**Timeout**]: Select a timeout period for display backlight.
[**On level**]: Select a brightness level for the backlight.
[**Dim level**]: Select a display brightness level among Medium, Low and Off.

10 Use system main menu

- 1 In working mode, press  to access the top menu.
- 2 Press the navigation buttons to scroll through the menu options.
- 3 Select [**Main menu**].
- 4 Press [**OK**] to confirm.
- 5 Repeat steps 2 to 3 to select an option:
[**Internet radio**]: Select Internet radio mode.
[**Spotify**]: Select Spotify mode.
[**DAB**]: Select DAB mode.
[**FM**]: Select FM mode.
[**Bluetooth**]: Select Bluetooth mode.
[**Sleep**]: Set sleep timer.
[**Alarm**]: Set alarm timer.
[**System Settings**]: Adjust system settings (see the chapter "Use system settings menu").



Note

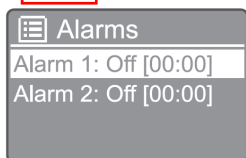
- If no button is pressed within 15 seconds, the menu will exist.
- You can also press the source button to select a mode: Internet radio, Spotify, DAB radio, FM radio or Bluetooth.

Set clock and alarm

This product can be used as an alarm clock.

- 1 In working mode, press [**MENU**] to access the top menu.
- 2 Press the navigation buttons to scroll through the menu options.
- 3 Select [**Alarms**].

- ↳ If no clock is set, a message will prompt you to set.
- 4 Press **[OK]** to continue.
 - ↳ The day digit blinks.
- 5 Press the navigation buttons to set the day, then press **[OK]** to continue.
 - ↳ The month digit blinks.
- 6 Repeat Step 5 to set the month, year and time respectively.
 - ↳ The **[Alarm 1: off [00:00]]** and **[Alarm 2: off [00:00]]** options are displayed.



- 7 Repeat Step 5 to select **[Alarm 1: off [00:00]]** > **[Enable]** or **[Off]**.
- 8 Repeat Step 5 to activate or deactivate the alarm timer:

[Off]: Deactivate the alarm timer.
[Daily]: The alarm sounds everyday.
[Once]: The alarm sounds only once.
[Weekends]: The alarm sounds each Saturday and Sunday.
[Weekdays]: The alarm sounds each day from Mondays to Fridays.

- 9 Repeat Step 5 to select **[Time]**, then set the alarm time.
- 10 Repeat Step 5 to select **[Mode]**, then set the alarm source.

[Buzzer]: Select buzzer as alarm source.
[Internet radio]: Select your last listened Internet radio station as an alarm source.
[DAB]: Select your last listened DAB radio station as an alarm source.
[FM]: Select your last listened FM radio station as an alarm source.

- 11 Repeat Step 5 to select **[Preset]**, then select your last listened station or a preset radio station as your alarm source.
- 12 Repeat Step 5 to select **[Volume]**, then set your alarm volume.

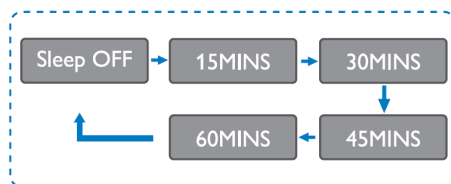
- 13 Repeat Step 5 to select **[Save]**, and Alarm 1 is set.
- 14 Repeat steps 7 to 13 to set Alarm 2.

Note

- When the alarm is activated, an alarm icon for Alarm 1 or Alarm 2 is displayed.
- To stop the alarm, press **ALARM** on the product.
- You can also go to **[System settings] > [Time/Date]** to set time and date (see "Use system settings menu" > "Set time/date").

Set sleep timer

- 1 In working mode, press **MENU** to access the top menu.
- 2 Press the navigation buttons to scroll through the menu options.
- 3 Select **[Sleep]**.
- 4 Press the navigation buttons to scroll through the sleep timer period (in minutes).
 - ↳ When **[Sleep OFF]** is displayed, the sleep timer is deactivated.



11 Product information

Note

- Product information is subject to change without prior notice.

Rated output power (Amplifier)	Total 10 W RMS
Acoustic frequency response	63 Hz - 20 kHz
Speaker driver	2 × 2.75" full range, 6Ω
Bass enhancement	2 × bass port
Wi-Fi protocol	802.11a/b/g/n
Wi-Fi Frequency Band	2412 - 2472 MHz
Maximum transmit power	15.08 dBm
Bluetooth version	V4.2
Bluetooth supported profiles	A2DP V1.3, AVRCP V1.6
Bluetooth frequency band / Output power	2402 - 2480 MHz ISM Band / ≤ 4dBm (Class 1)
Tuner frequency range	FM 87.5 - 108MHz, DAB 174.928MHz - 239.2MHz
Preset stations	20
AUX IN input level	600mV +/- 100mV RMS
Headphone	3.5mm jack

Power

Model (Philips branded AC power adapter)	AS190-090-AD190
Input	100-240 V ~, 50/60 Hz, 0.7A
Output	DC 9.0V, 1.9A
Operation power consumption	15W
Standby power consumption	< 1W (clock display off)
Dimensions	400 × 206 × 100 mm (without stand)
Weight	1.7 kg

12 Troubleshooting



Warning

- Never remove the casing of the product

To keep the warranty valid, never try to repair the product yourself.

If you encounter problems when using this product, check the following points before requesting service. If the problem remains unsolved, go to the Philips website (www.philips.com/support). When you contact Philips, make sure that the device is nearby and the model number and serial number are available.

No power

- Make sure that the AC power cord of the device is connected properly.
- Make sure that there is power at the AC outlet.
- As a power-saving feature, the system will turn off automatically 15 minutes after track play reaches the end and no control is operated.

No sound

- Adjust the volume.

Remote control does not work

- Before you press any function button, select the correct source with the remote control instead of the main unit.
- Reduce the distance between the remote control and the unit.
- Insert the batteries with correct polarities as indicated.
- Replace the batteries.
- Aim the remote control directly at the sensor on the front of the unit.

Poor radio reception

- Increase the distance between the unit and your TV or other radiation sources.

- Fully extend the radio antenna.
- You may purchase a replacement antenna cable with an L-shape plug on one end.
- Connect the L-shape plug to this product, and fit the plug on the other end into your wall socket.

The audio quality is poor after connection with a Bluetooth-enabled device

- The Bluetooth reception is poor. Move the device closer to this unit or remove any obstacle between them.
- The device does not support the profiles required for this unit.
- The Bluetooth function of the device is not enabled. Refer to the user manual of the device to find out how to enable the function.
- This unit is not in pairing mode.
- This unit is already connected with another Bluetooth-enabled device. Disconnect that device and then try again.

The paired mobile device connects and disconnects constantly

- The Bluetooth reception is poor. Move the device closer to this unit or remove any obstacle between them.
- Some mobile phones may connect and disconnect constantly when you make or end calls. This does not indicate any malfunction of this unit.
- For some devices, the Bluetooth connection may be deactivated automatically as a power-saving feature. This does not indicate any malfunction of this unit.

Clock/timer does not work

- Set the clock/timer correctly.
- Turn on the timer.
- Clock/timer setting is erased. Reset the clock/timer.
- Power has been interrupted or the power cord has been disconnected.

13 Notice

Any changes or modifications made to this device that are not expressly approved by **MMD Hong Kong Holding Limited** may void the user's authority to operate the product.

Declaration of conformity

Hereby, **MMD Hong Kong Holding Limited** declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. You can find the Declaration of Conformity on www.philips.com/support.

Care of the environment

Disposal of your old product and battery



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



This symbol on a product means that the product is covered by European Directive 2012/19/EU.



This symbol means that the product contains batteries covered by European Directive 2013/56/EU which cannot be disposed of with normal household waste.

Inform yourself about the the local separate collection system for electrical and electronic products and batteries. Follow local rules and never dispose of the product and batteries with normal household waste. Correct disposal of old products and batteries helps prevent

negative consequences for the environment and human health.

Removing the disposal batteries

To remove the disposable batteries, see battery install section.

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



The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by **MMD Hong Kong Holding Limited** is under license. Other trademarks and trade names are those of their respective owners.

The Spotify Software is subject to third party licenses found here:

www.spotify.com/connect/third-party-licenses/

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

To keep the warranty valid, never try to repair the system yourself. If you encounter problems when using this device, check the following points before requesting service. If the problem remains unsolved, go to the Philips Web page (www.philips.com/support). When you contact Philips, make sure that the device is nearby and the model number and serial number are available.

5G WIFI

Operations in the 5.15-5.35GHz band are restricted to indoor usage only. Restriction symbol (the Pictogram is preserved for restriction of use in any EU country, please remove if there is no restriction of use in EU countries.

Shown in package or manual, Restriction warning or Explanation to article 10(2) (At least 1 country operational) and 10(10) information on restrictions.

	BE	BG	CZ	DK	DE	EE
	IE	EL	ES	FR	HR	IT
	CY	LV	LT	LU	HU	MT
	NL	AT	PL	PT	RO	SI
	SK	FI	SE	UK		

Frequency Bands and Power

This mobile phone offers the following frequency bands in EU areas only and maximum radio-frequency power:

Bluetooth: <6 dbm

Wi-Fi 2.4GHz band <16 dbm

5GHz band 1-B <19dbm

5.8G band <7dbm



Specifications are subject to change without notice.
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