

Portable Radio

1000 Series

TAR1609



User manual

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

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1 Important

Safety

- · Read these instructions.
- Heed all warnings.
- · Follow all instructions.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Refer all servicing to qualified service personnel.
 Servicing is required when the apparatus has been damaged in any way, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Battery usage CAUTION To prevent battery leakage which may result in bodily injury, property damage, or damage to the portable radio:
 - Install all batteries correctly, + and as marked on the unit.
 - Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc.) batteries.
 - Remove batteries when the unit is not used for a long time.
 - The battery shall not be exposed to excessive heat such as sunshine, fire or the like.
 - Replacement of a battery with an incorrect type may defeat a safeguard;
 - Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, may result in an explosion;
 - Leaving a battery in an extremely high temperature surrounding environment, such as sunshine, fire, or hot surface may result in an explosion or the leakage of flammable liquid or gas;
 - A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.
 - Batteries contain chemical substances. They should be disposed of properly.
 - If you suspect that a battery has been swallowed or placed inside any part of the body, seek immediate medical attention.
 - When you change the batteries, always keep all new and used batteries out of reach of children.
 Ensure that the battery compartment is completely secure after you replace the battery.

- If the battery compartment cannot be completely secured, discontinue use of the product. Keep out of reach of children and contact the manufacturer.
- This portable radio shall not be exposed to dripping or splashing.
- Do not place any sources of danger on the portable radio (e.g. liquid filled objects, lighted candles).
- Please note that your device contains built-in lithium batteries. The charging capacity of lithium batteries will decrease over time due to their self-discharge characteristics. To ensure the longevity of your device's battery, we recommend charging the built-in lithium battery to around 50% every 6 months when the device is not in use.

Notice

This product complies with the radio interference requirements of the European community. Hereby, TP Vision Europe B.V. declares that the product is in compliance with the essential requirements and other relevant provisions of RED Directive 2014/53/EU and UK Radio Equipment Regulations SI 2017 No 1206. You can find the Declaration of Conformity on www.philips.com/support.



This product complies with the radio interference requirements of the EuropeanCommunity.



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



This symbol means the product must not be discarded as household waste and should be delivered to an appropriate collection facility recycling. Follow local rules and never dispose of the product and rechargeable batteries with normal household waste. Correct disposal of old products and rechargeable batteries helps prevent negative consequences for the environment and human health.



This symbol means that the product contains batteries covered by European Regulation (EU) 2023/1542 which can not be disposed of with normal household waste. Inform yourself about the the local separate collection system for electrical and electronic 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.

Inform yourself about 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 integrated batteries Make sure the product is disconnected from power before removing the integrated battery.



For illustration purposes only

Environmental information

All unnecessary packaging has been omitted. Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, can result in an explosion.

2 Your FM/AM 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 FM/AM radio, you can

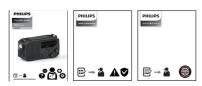
- listen to FM/AM radio
- charge your mobile device with USB cable
- · use a flashlight for lighting
- press the SOS button to seek help in emergency

What's in the box

Check and identify the contents of your package:

- · Main unit
- · Quick start guide
- · Safety sheet
- Warranty Card
- USB Type-C Cable
- Hand strap







Overview of the FM/AM radio

1 Telescopic antenna

- Improves FM/AM reception.

② Tune indicator

- Red light is on when radio signal is received.

3 Charge indicator

- The indicator is on when the product is being charged by solar panel / hand crank / USB.
- The indicator blinks fast when battery is low.
- The indicator is off when battery is fully charged.

4 Tuning

- In FM/AM mode, fine tunes a station.

⑤ Volume

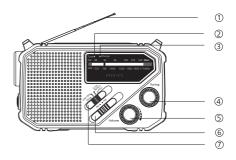
- Adjusts the sound level.

6 Band switcher

- Select FM /AM band

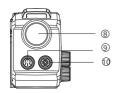
Tunction switcher

- OFF/ CHG. OUT /Li-ion Battery / AAA.



® Flashlight

- Light and flash warning available
- - Press to turn on/off the flashlight.
- 10
 - Press to switch between the SOS modes:
 - ·Siren (alarm sound)
 - ·Flashing light
 - ·Siren + flashing light
 - ·Off

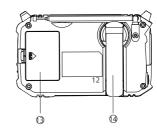


3 Battery Compartment

- Install 3 AAA batteries (not provided)

Hand Crank

– Wind to charge the built-in Li-ion battery.



11 DC IN jack

 Use a TYPE-C USB cable to connect to the power supply to charge the unit.

(12) CHARGE OUT jack

- Use USB cable for to charge an external device.



3 Get started

Always follow the instructions in this chapter in sequence.

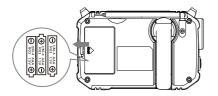
Install batteries



Caution

- Risk of explosion! Keep the batteries away from heat, sunshine or fire. Never discard batteries in fire.
- Batteries contain chemical substances, so they should be disposed of properly.
- Do not mix battery types: e.g. alkaline with carbon zinc.
 Only use batteries of the same type for the set.

Insert 3 AAA batteries (not provided) with correct polarity (+/-) as illustrated. Radio play time on AAA batteries: Up to 12 hours at 50% volume.



Charge indicator

Battery status	Charge indicator
Battery low	Fast blinking green
Being charged	Solid green
Fully charged	Off

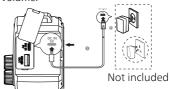


Charging methods

The unit has a built-in rechargeable battery, which should be charged before using the FM/AM radio for the first time.

(1) USB charging

The Li-ion battery is charged automatically when the unit is connected to power via the USB cable provided. A full charge by USB takes 3.5 hours. Radio play time on Li-ion battery: Up to 32 hours at 50% volume.





Note

Only use solar charging and hand cranked power generation in emergency.

2 Solar charging

Put the unit in the sun, solar charging will start and the charge indicator turns green. **Do not cover the solar panel when charging.**





Note

- Solar irridiance light level: 1000 W/m²
- Radio play time on solar power: When solar illumination is above 60000 Lux, the product can have up to 30 minutes of play time at a reasonable volume upon a 60-minute charging time.

(3) Hand crank charging

You can charge the built-in rechargeable battery by rotating the hand crank generator.
The charge indicator will turn green.





Note

- Speed of rated output power:
- Power generator: 3000rpm±50rpm; Hand cranking: 120rpm
- Radio play time on hand cranking power:
 Around 60 minutes at a reasonable volume upon a 25-minute charging time at the cranking speed of 120rpm.

(rpm: Revolutions per minute)

4 Listen to FM/AM Radio



Note

- Keep the FM/AM radio away from other electronic devices to avoid radio interference.
- For better reception, fully extend and adjust the position of the antenna.

Tune to radio stations

- 1 Slide the function switcher to Li-ion Battery or AAA to turn on the radio.
- 2 Slide the band switcher to select between FM / AM band.
- 3 Rotate the **Tuning** knob to select FM/AM frequency. FM Frequency: 87.5-108MHz AM Frequency: 520-1710kHz
- 4 The tune indicator (red) will be on when a clear radio channel is received.
- 5 To switch off the radio, slide the function switcher to **OFF**

Adjust volume

Rotate the Volume knob to adjust volume level.

5 Other features

Flashslight

Press the 🕟 button on the side to turn on the flashlight. Press again to turn it off.



SOS

Press button to enable SOS and switch between different modes:

Mode 1: Siren

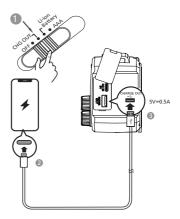
Mode 2: Flashing light

Mode 3: Siren + flashing light

Mode 4: OFF

Charge your phone

- 1 Slide the function switcher to CHG OUT.
- 2 Open the USB rubber cover, and connect your cellphone to the product via the USB-C cable provided.



6 Product information

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Note

Product information is subject to change without prior notice

Power

Battery type	AAA size (LR3) (not provided)
Battery voltage	1.5V
Number of batteries	3
Rechargeable Battery	18650 2000mAh
Battery voltage	3.7V
Battery Capacity	2000mAh
Number of batteries	1

Tuner/Reception/Transmission

Tuner bands	FM 87.5 - 108 MHz
	AM 520 - 1710 KHz

Work environment

Altitude	5000m

Opertation Temperature 0-45°C

Sound

Sound system	Mono
Volume control	Rotary (analogue)
Output power	1W

General information

Dimensions (W x H x D)	150 x 90 x 68 mm
Weight (Main unit)	390 g

7 Troubleshooting



Warning

Never remove the casing of the product.

To keep the warranty valid, never try to repair the device 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 webpage (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 sound / power

- · Volume not adjusted. Adjust the VOLUME.
- Batteries dead/ incorrectly inserted. Insert (fresh) batteries correctly
- · Recharge Li-ion battery
- When inserting new batteries, do not try to mix old batteries with the new ones.
- Remove the batteries if the set is not to be used for a long time. Batteries contain chemical substances, so they should be disposed of properly.
- Please note that your device contains built-in lithium batteries. The charging capacity of lithium batteries will decrease over time due to their self-discharge characteristics. To ensure the longevity of your device's battery, we recommend charging the built-in lithium battery to around 50% every 6 months when the device is not in

Poor radio reception

- For FM, extend, incline and turn the telescopic antenna for best reception. Reduce its length if the signal is too strong.
- For AM, the set uses a built-in antenna. Direct this antenna for best reception by turning the whole set.



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Model: TAR1609/00_UM_V1.0

