

# PHILIPS

**Wireless Speaker**  
**TAMS80**



## User manual

Register your product and get support at:  
[www.philips.com/support](http://www.philips.com/support)

# Contents

|                                              |          |                              |           |
|----------------------------------------------|----------|------------------------------|-----------|
| <b>1 Important</b>                           | <b>2</b> | Virtual remote control       | 11        |
| Safety                                       | 2        | User guide                   | 11        |
| Care for your product                        | 2        |                              |           |
| <b>2 Your wireless speaker</b>               | <b>3</b> | <b>8 Product information</b> | <b>12</b> |
| What's in the box                            | 3        | <b>9 Troubleshooting</b>     | <b>12</b> |
| Overview of the speaker                      | 3        | <b>10 Notice</b>             | <b>13</b> |
| <b>3 Get started</b>                         | <b>4</b> |                              |           |
| Charge the built-in battery                  | 4        |                              |           |
| Battery exchangeable                         | 4        |                              |           |
| Turn on/off                                  | 4        |                              |           |
| <b>4 Play from Bluetooth-enabled devices</b> | <b>5</b> |                              |           |
| Connect the speaker to your Bluetooth device | 5        |                              |           |
| Bluetooth indicator                          | 5        |                              |           |
| Control playback                             | 5        |                              |           |
| <b>5 Auracast™</b>                           | <b>6</b> |                              |           |
| Auracast™ broadcaster                        | 6        |                              |           |
| Auracast™ receiver                           | 6        |                              |           |
| Pairing for stereo mode                      | 6        |                              |           |
| <b>6 Other features</b>                      | <b>7</b> |                              |           |
| Adjust lighting                              | 7        |                              |           |
| Listen to an external device                 | 7        |                              |           |
| Connect an external                          | 7        |                              |           |
| <b>7 Philips Entertainment App</b>           | <b>8</b> |                              |           |
| App download                                 | 8        |                              |           |
| Pair your Bluetooth speaker                  | 8        |                              |           |
| Sound Control                                | 9        |                              |           |
| Light Effect                                 | 9        |                              |           |
| Source Control                               | 9        |                              |           |
| General Settings                             | 9        |                              |           |

# 1 Important

## Safety

### Important safety instructions

- Make sure that the power supply voltage corresponds to the voltage on the back or the underside of the unit.
- Do not place any source of danger on the speaker (e.g. liquid filled objects, lit candles).
- Make sure that there is enough free space around the speaker for ventilation.
- Please use the speaker safely in an environment with temperature between 0 °C and 40°C.
- Only use attachments and accessories specified by the manufacturer.
- Do not expose the product to liquids without removing cable connection. Do not expose the product to water while charging. It may result in permanent damage to the speaker or power source. Chemicals, salt or "foreign particles" in your pool or the ocean can damage the waterproof seals or harm the connector surface overtime if not rinsed off after use. After a liquid spill or rinse, do not charge your speaker until it's completely dry and clean. Charging when wet might damage your speaker.

### Battery safety precautions

- Danger of explosion if a battery is incorrectly replaced. Replace only with the same or equivalent type.
- A battery (battery pack or battery installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

- A battery in extreme high or low temperatures during use, storage or transportation, and low air pressure at high altitude can pose safety hazards.
- Do not replace a battery with an incorrect type that can defeat a safeguard (for example, some lithium battery types).
- Disposing a battery into fire or a hot oven, mechanically crushing or cutting a battery can result in an explosion.
- Leaving a battery in an extremely high temperature surrounding, or an extremely low air pressure environment may result in an explosion or leakage of flammable liquid or gas.

## Care for your product

- Use only microfiber cloth to clean the product.
- 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.**



### Warning

- Never remove the casing of this speaker.
- Never lubricate any part of this speaker.
- Place this speaker on a flat, hard and stable surface.
- Never place this speaker on other electrical equipment.
- Only use this speaker indoors. Keep this speaker away from water, moisture and liquid-filled objects.
- Keep this speaker away from direct sunlight, naked flames or heat.
- Risk of explosion if a battery is replaced by an incorrect type.

## 2 Your wireless speaker

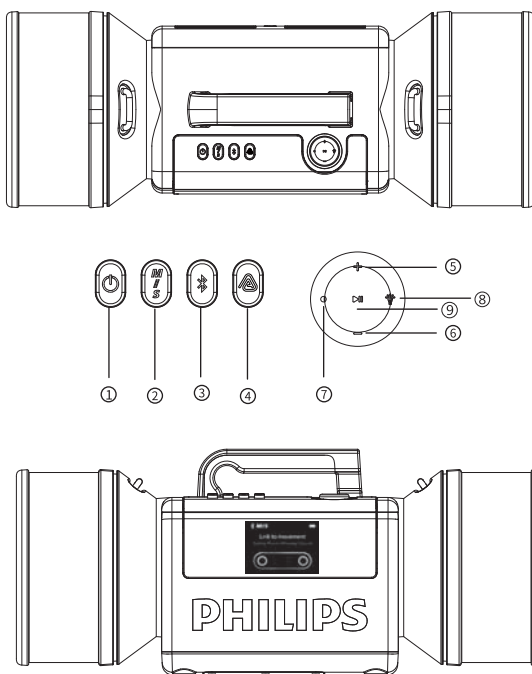
Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at [www.philips.com/support](http://www.philips.com/support).

### What's in the box

Check and identify the contents of your package:

- Speaker
- USB cable
- Quick start guide / safety sheet / warranty sheet

### Overview of the speaker



- ① Turn the speaker on or off
- ② Switch sound effects
- ③ Press and hold to enter pairing mode or to disconnect a connected Bluetooth device
- ④
  - Press to enter / trigger rescan Auracast™ receiver mode
  - Press twice to enter
  - Press and hold 3 seconds to activate / deactivate Auracast™ broadcast mode
- ⑤ Adjust the volume up
- ⑥ Adjust the volume down
- ⑦ Adjust screen brightness
- ⑧ Adjust the light mode
- ⑨ Play or pause the audio playback

## 3 Get started

Always follow the instructions in this chapter in sequence.

### Charge the built-in battery

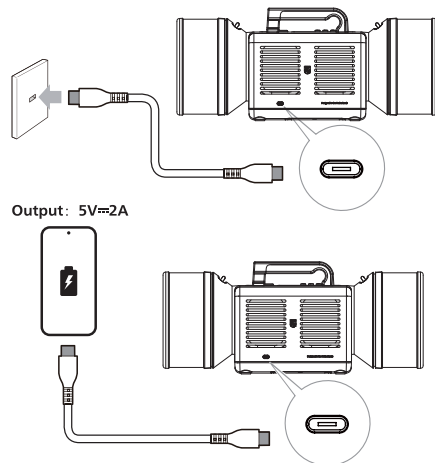
The speaker is powered by a built-in rechargeable battery.

#### Note

- Fully charge the built-in battery before using.

Connect the USB-C socket on the speaker to an outlet (5V $\approx$ 2A) by using the provided USB cable.

Input: 5V $\approx$ 3A, 9V $\approx$ 3A, 12V $\approx$ 2.5A,  
15V $\approx$ 2A, 20V $\approx$ 1.5A



- ↳ When the speaker is being charged, the Power LED turns red.
- ↳ When the speaker is fully charged, the Power LED indicator goes off.
- ↳ When battery level is less than 20%, you will hear voice prompt once every 60 seconds.
- ↳ When battery level is less than 2%, the speaker will power off.

#### Caution

- Risk of speaker damage! Make sure the power supply voltage corresponds to the voltage printed on the back or the underside of the speaker.
- Risk of electric shock! When unplug the USB cable, always pull the plug from the socket. Never pull the cable.
- Use only a USB cable specified by the manufacturer or sold with this speaker.

### Turn on/off

Press  to turn the speaker on.

- ↳ You will hear the prompt sound.

To turn the speaker off, press  again.

- ↳ You will hear the prompt sound.

#### Note

- The speaker will turn off automatically if there is no audio signal from Bluetooth/Auracast / usb / audio in for 15 minutes.

# 4 Play from Bluetooth devices

## Connect the speaker to your Bluetooth device

With this speaker, you can enjoy audio from your Bluetooth device.

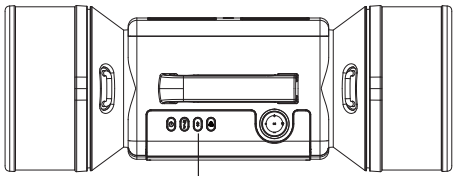
### Note

- Make sure that the Bluetooth function is enabled on your device.
- The maximum distance for pairing the speaker and your Bluetooth device is 30 meters (99 feet).
- Keep away from any other electronic device that may cause interference.

1. Press  to turn the speaker on. It will enter Bluetooth pairing mode automatically with blue light blinking slowly. You can also press and hold  to enter Bluetooth pairing mode.
2. Enable Bluetooth and select "The Tube" in the Bluetooth list on your device for pairing.
3. Play audio on your Bluetooth device to start streaming music.

## Bluetooth indicator

| LED indication     | Bluetooth status                       |
|--------------------|----------------------------------------|
| Blink blue quickly | Ready for pairing                      |
| Blink blue slowly  | Reconnecting the last connected device |
| Solid blue         | Connected                              |



Bluetooth LED

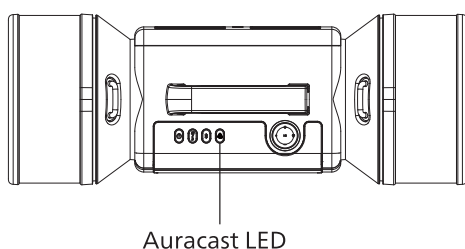
## Control playback

### During music playback

-  Press to pause or resume play  
Press twice to play the next track  
Press three times to play the previous track
-  Press to decrease/increase one level of volume  
Press and hold to continuously decrease/increase the volume

## 5 Auracast™

Use **Auracast™** to pair with another TAMS80 speaker for stereo (TWS), receive broadcasts from others, or launch your own broadcast to other compatible speakers.



### Auracast™ broadcaster

The default Auracast™ broadcast setting on product is **Public** (unencrypted broadcast). You can select **Personal** (encrypted broadcast) and set a password under **Philips Entertainment App => General Settings=> Auracast™ Broadcaster**.

1. To start a broadcast, press and hold the  for 3 seconds or in the **Entertainment App** select **Setup PartyLink mode** in **General Settings**. The Auracast™ LED on product turns purple (Public) / amber (Personal), and you will hear a prompt sound.
2. To stop the broadcast, press and hold the  for 3 seconds again or select **Unlink** in the App. The Auracast™ LED turns off, and you will hear a prompt sound.

### Auracast™ receiver

1. To search for a broadcast, press the  or go to the Entertainment App to switch to **Auracast™ Receiver** under **Source control**. The Auracast™ LED turns cyan, and you will hear a prompt sound.

The set will automatically search for nearby Auracast™ broadcasts and connect to the unencrypted broadcast with the strongest signal.

2. To exit a broadcast, press and hold  for 3 seconds or switch to another source in the App.

### Pairing for stereo mode

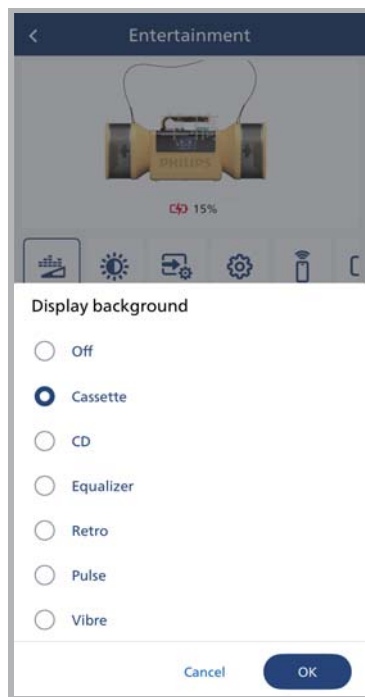
Two identical wireless speakers (Philips TAMS80) can pair with each other for stereo sound.

1. To start, the speaker connected to your Bluetooth device will be used as the primary speaker, double press the  on both speakers, you will hear prompt sound and the Auracast LED blinks white when pairing and turns pink when connected.
2. In stereo mode, all operations are synchronized between both speakers. You can control playback, adjust the volume, and change the light mode from either speaker.
3. To exit, double press the  on either speaker.

## 6 Other features

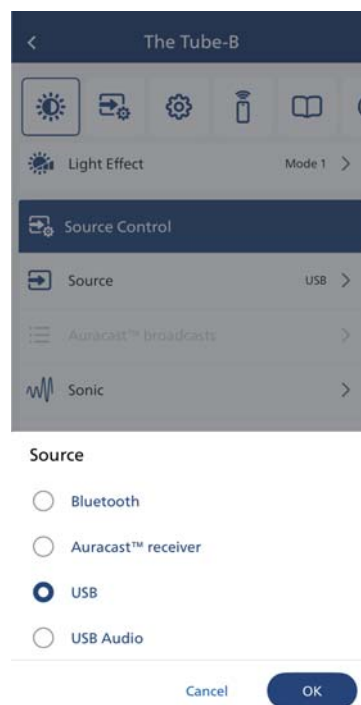
### Adjust lighting

Press the  on the speaker or via  on the app to control the light effect.



### Listen to an external device

- Or use a USB-C to A cable (not included) to connect the product with your laptop/devices, select the Philips ATMS80 USB on your device. Press  to **USB** for audio playback or select in the App.

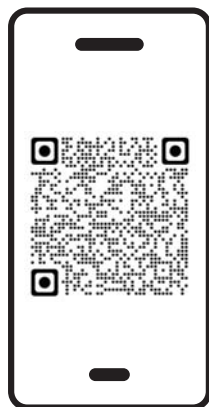


## 7 Philips Entertainment App

Our handy companion app lets you select a source, control playback and Bass+, switch between different light modes, check battery life, and more. Plus, an in-app PartyLink mode makes it simple to connect to other speakers via Auracast™ for even bigger sound.

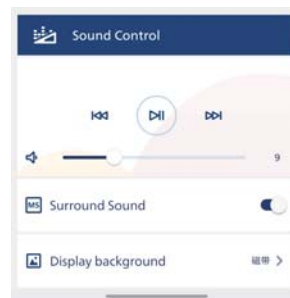
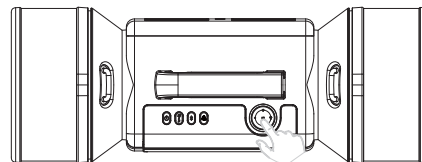
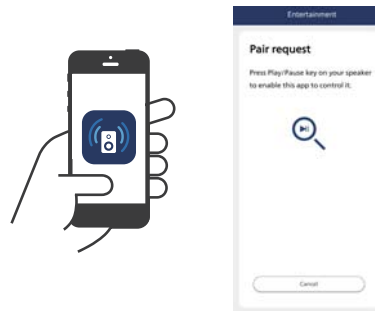
### App download

Scan the QR code and press “Download” button, or search “Philips Entertainment” in the Apple App Store or Google Play to download the app.



[philips.to/entapp](https://philips.to/entapp)

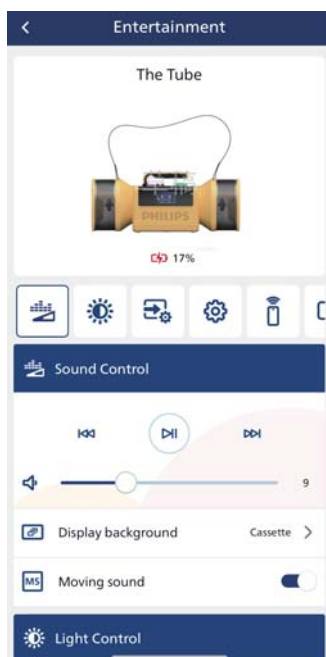
## Pair the App with your Bluetooth speaker



- 1 Open the Philips Entertainment App on your mobile device, press 'Add device +' to discover Philips TAMS80. Ensure that Bluetooth is enabled on your mobile.
- 2 When you connect the App to your speaker for the first time, you will be prompted to pair the app with your speaker. Press the ►|| on your speaker to confirm the App connection.

Once your speaker is connected with Entertainment App, you may enjoy further features and set your preference easily.

## Sound Control



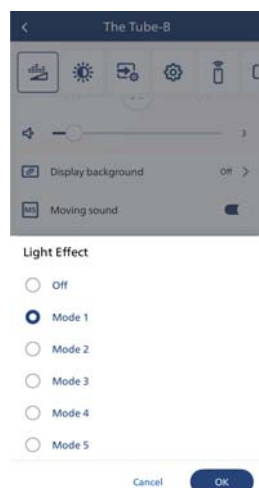
## Source Control

Press  icon on the App to select

-  Bluetooth / Auracast receiver / USB
-  Relaxation / Concentration / Masking
-  Generative / Ambient / Nature

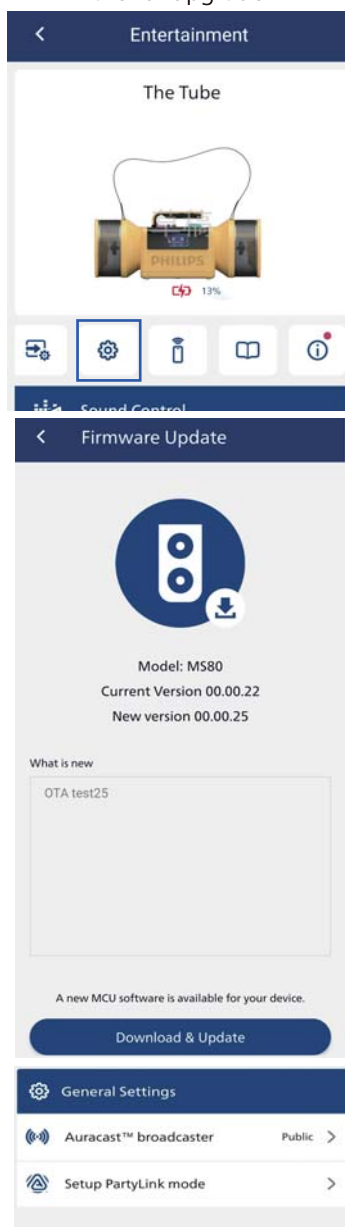


## Light Effect

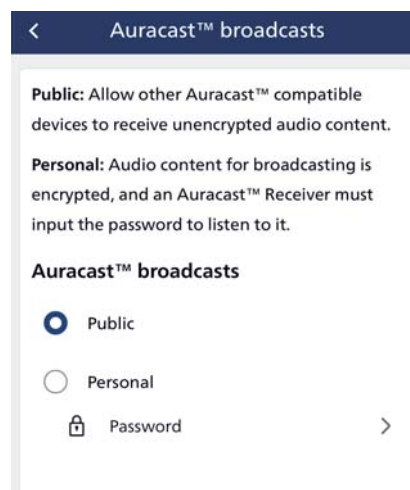


## General Settings

With the  you may notice there has new firmware for upgrade.



## Auracast™ broadcasts



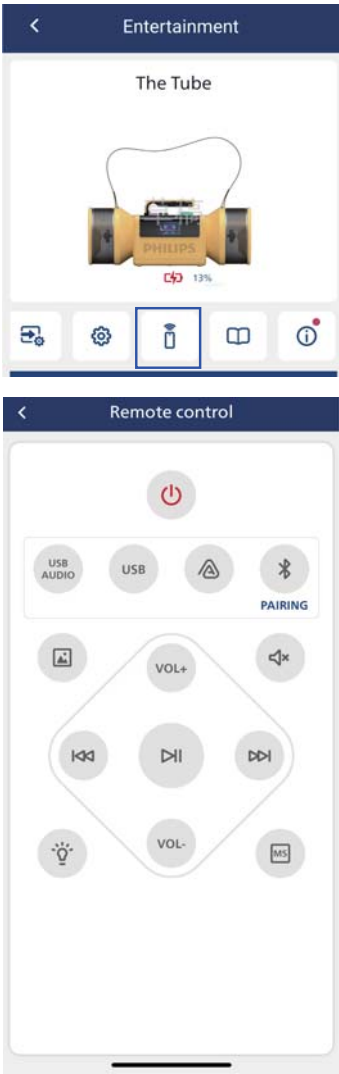
## Setup PartyLink mode

To purchase more TAMS80 or other Philips' speaker (support Auracast™) to enjoy the PartyLink, follow the steps in the App you can easily pair up altogether.



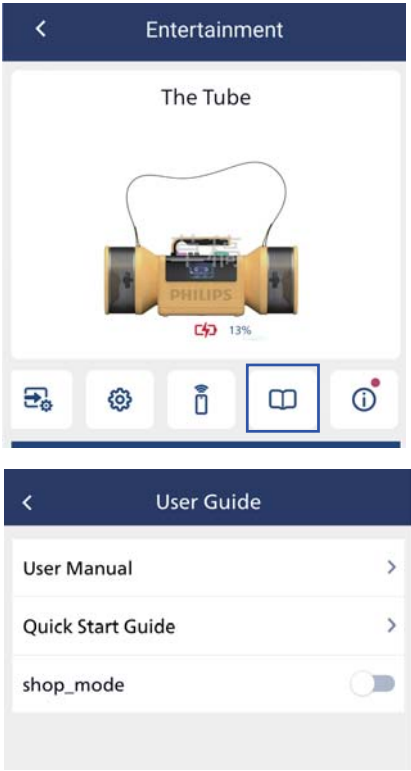
# Virtual remote control

Swipe the menu icons to the left until you find the  icon. Press it to enter the virtual remote control interface. You can use the virtual remote control for music playback and adjust any settings of the speaker.



# User guide

Swipe the menu icons to the left until you find the  icon. Press it to check the user manual and quick start guide for more information about using this speaker.



## 8 Product information

### Note

- Product information is subject to change without prior notice.

### General information

|                          |                                           |
|--------------------------|-------------------------------------------|
| USB-C Charge in          | 5V=3A, 9V=3A, 12V=2.25A, 15V=2A, 20V=1.5A |
| USB-C Charge out         | 5V=2A                                     |
| Built-in Lithium battery | 7.4V/10000mAh                             |
| Dimensions (L x H x W)   | 539x232.5x200.5mm                         |
| Weight (main unit)       | 6.7kg                                     |
| Operation Ambient        | 0°C~40°C                                  |

### Speaker

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| Output power(RMS)     | 140W<br>Woofer 2x50W THD 1%<br>Tweeter 2x20W THD 1% |
| Frequency response    | 50Hz~20KHz                                          |
| Signal to noise ratio | >82dB                                               |
| Impedance             | Woofer 4Ω<br>Tweeter 8Ω                             |
| Driver                | Woofer 5.25"<br>Tweeter 0.6"                        |

### Bluetooth

|                               |               |
|-------------------------------|---------------|
| Bluetooth version             | 6.0           |
| Frequency range               | 2402 - 2480Hz |
| Maximum transmission power    | ≤10dBm        |
| Compatible Bluetooth profiles | A2DP/AVRCP    |
| Bluetooth range               | Open area 30m |

## 9 Troubleshooting



### Warning

- Never remove the casing of the speaker.

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

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

### General

#### No power

- Make sure the speaker is fully charged.
- Make sure the USB socket of the speaker is properly connected.
- As a power-saving feature, the speaker turns off automatically 15 minutes after no audio signal is received.

#### No sound

- Adjust the volume on this speaker.
- Adjust the volume on the connected device.
- Make sure that your Bluetooth device is within the operational range.

#### No response from the speaker

- Restart the speaker.

---

## Bluetooth

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

- The Bluetooth reception is poor.  
Move the device closer to this speaker or remove any obstacle between them.

### Fail to find [The Tube] on your Bluetooth device for pairing

- Press and hold  for 3 seconds to enter Bluetooth pairing mode, and then try again.

### Cannot connect with your Bluetooth device

- The Bluetooth function of your device is not enabled. Refer to the user manual of your device to find out how to enable the function.
- This speaker is not in pairing mode.
- This speaker is already connected to another Bluetooth-enabled device. Disconnect and try again.

## 10 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 equipment.

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## Compliance



Hereby, TP Vision Europe B.V. declares that this 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](http://www.philips.com/support).

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## 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 Regulation (EU) 2023/1542 which cannot be disposed of with normal household waste.

 The symbol indicates Dc voltage

## FCC and IC statement

### FCC information

The device complies with the FCC rules, Part 15. Operation is subject to the following two conditions:

- ①This device may not cause harmful interference, and.
- ②This device must accept any interference received, including interference that may cause undesired operation.

**Warning:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** 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:

- (1) Reorient or relocate the receiving antenna.
- (2) Increase the separation between the equipment and receiver.
- (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

(4) Consult the dealer or an experienced radio/TV technician for help.

**IC-Canada: CAN ICES-(B)/NMB-(B)**

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

**Avis d'Industrie Canada: CAN ICES-(B)/NMB-(B)**

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Après examen de ce matériel aux conformité ou aux limites d'intensité de champ RF,

les utilisateurs peuvent sur l'exposition aux radiofréquences et la conformité and compliance d'acquérir les informations correspondantes.

La distance minimale du corps à utiliser le dispositif est de 20cm.

## Trademark notice



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under license.

This product has been manufactured by and is sold  
under the responsibility of MMD Hong Kong Holding  
Limited or one of its affiliates, and MMD Hong Kong  
Holding Limited is the warrantor in relation to this  
product.

TAMS80\_00\_UM\_V1.0

