

# PHILIPS

## Wireless Speaker

### 2000 Series

TAS2509



# User manual

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

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# 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.
- The speaker shall not be exposed to dripping or splashing.
- 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.

### 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.



### 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.
- 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.**

## 2 Your wireless speaker

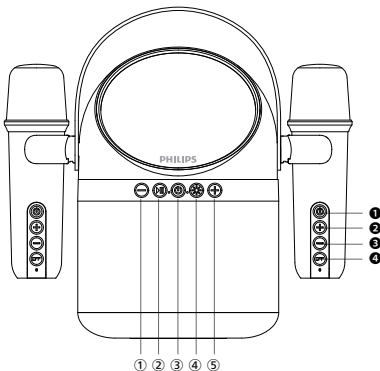
Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at [www.philips.com/support](http://www.philips.com/support).

### What's in the box

Check and identify the contents of your package:

- Speaker
- Microphones x 2
- Type-C USB cable
- Pouch
- Quick start guide / safety sheet / warranty

### Overview of the product



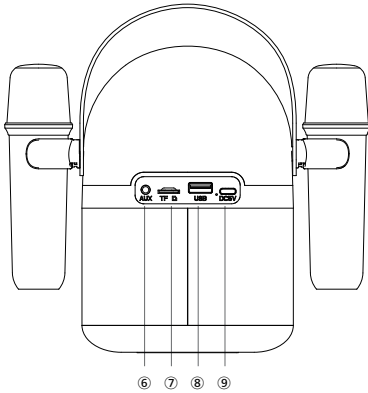
### Speaker (Front)

- ① —  
Decrease the volume
- ② ▶||  
Play or pause the audio playback
- ③ ⏻  
Turn the speaker on or off  
Shift the sources within Bluetooth / TF / AUX / USB
- ④ ☀  
Change light mode
- ⑤ +  
Increase the volume

### Microphone

- ① ⏻  
Turn the microphone on or off  
Shift within MIC/Echo/  
Accompaniment
- ② +  
Increase the volume  
Turn on the accompaniment
- ③ —  
Decrease the volume  
Turn off the accompaniment
- ④ EFF  
Shift within voice effects

## Speaker (Back)



- ⑥ **AUX port**  
AUX music playback
- ⑦ **TF card slot**  
TF music playback
- ⑧ **USB port**  
USB music playback
- ⑨ **DC input**  
Charge the built-in battery

## 3 Get started

Always follow the instructions in this chapter in sequence.

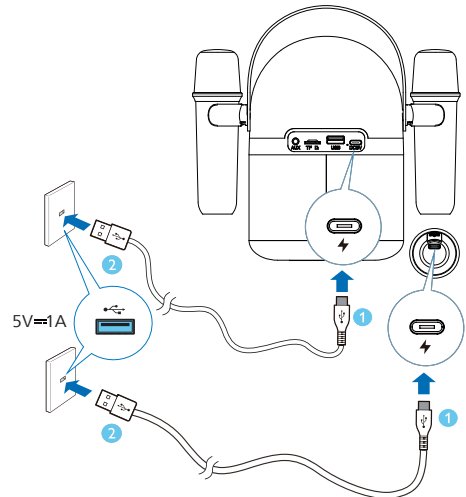
### Charge the built-in battery

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

#### Note

- Fully charge the built-in battery before using.

Connect the Type-C socket on the speaker to an outlet (5V=1A) by using the provided Type-C cable.




- ↳ When the speaker / microphone is being charged, the LED indicator turns red.
- ↳ When the speaker / microphone is fully charged, the LED indicator goes 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 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 20 meters (66 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. You can also press  to enter Bluetooth pairing mode.
2. Enable Bluetooth and select "Philips S2509" in the Bluetooth list on your device for pairing.
3. Play audio on your Bluetooth device to start streaming music.
4. You may press  to switch the music playback within Bluetooth / TF / AUX / USB.
5. You may press  to change the light mode on the display screen.



## Note

To disconnect a device, you can

- Press and hold ▷|| until you see Marquee light;
- On the connected device, select the pairing name "Philips S2509" in the Bluetooth device list and click to cancel the pairing.

## 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



Short press to decrease/increase one level of volume


Long press to decrease/increase the volume continuously

## Microphone control



Long press to turn the microphone on / off.

During power on,

- it will be paired with the speaker automatically.
- press  to shift within MIC / Echo / Accompaniment mode. Speaker screen will display the status, "M" for MIC, "E" for Echo and "A" for Accompaniment.



In MIC/Echo mode,

- press to increase one level of volume
- long press to increase the volume continuously

In accompaniment mode,

- press to turn on



In MIC/Echo mode,

- press to decrease one level of volume
- long press to decrease the volume continuously

In accompaniment mode,

- press to turn off



- short press to shift within the 6 voice effects and speaker screen will display the voice effect mode 1 to 6.

## 5 Product information

### Note

- Product information is subject to change without prior notice.

### General information

USB port	5V = 1A
Built-in Lithium battery	2600 mAh
Main unit size (WxHxD)	132.4 x 174.5 x 132.4 mm
Weight (main unit)	686 g
Product size (with mic) (WxHxD)	209.5 x 174.5 x 132.4 mm
Weight (with mic)	850 g
Operation Ambient	0°C~40°C

### Amplifier

Output power (RMS)	5W
Frequency response	90Hz-16KHz
Signal to noise ratio	>81dB

### Speaker

Impedance	4Ω
Maximum input power	5W
Driver	Diameter 66mm Height 36.5mm

### Bluetooth

Bluetooth version	5.3
Frequency range	2402 - 2480 MHz
Maximum transmission power	<10dBm
Compatible Bluetooth profiles	Supports a2dp/avctp/avrcp/hfp
Bluetooth range	up to 20m

## 6 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.



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## 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 [Philips S2509] on your Bluetooth device for pairing

- Press and hold ►|| on the main unit 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.

## 7 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 Directive 2014/53/EU. 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.

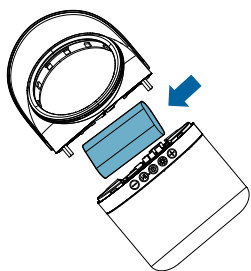


This symbol means that the product contains batteries covered by European Regulation (EU) 2023/1542 which cannot be disposed of with normal household waste.

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.

## FCC and IC statement

### FCC information

The device complies with the FCC rules, Part 15. 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.

**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.

## RF Warning Statement

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

### 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.

Radiation Exposure Statement: The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. Déclaration d'exposition aux radiations: Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé.

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