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BT2200



User manual

PHILIPS

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1 Important



Warning

- Never remove the casing of this speaker.
- Never lubricate any part of this speaker.
- Never place this speaker on other electrical equipment.
- Keep this speaker away from direct sunlight, naked flames or heat.

- ⑫ Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).
- ⑬ This speaker is designed to be waterproof in compliance with IEC 60529 IPX6.
- ⑭ Before use in environment subject to water, always securely close the protective cover at the bottom of the speaker.
- ⑮ After use in environment subject to water, immediately clean the speaker with a soft dry cloth and let it dry in a well-ventilated place away from direct sunlight.

Important safety instructions

- ① Read these instructions.
- ② Keep these instructions.
- ③ Heed all warnings.
- ④ Follow all instructions.
- ⑤ Do not use this apparatus near water.
- ⑥ Clean only with dry cloth.
- ⑦ Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- ⑧ Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- ⑨ Only use attachments/accessories specified by the manufacturer.
- ⑩ Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as 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.
- ⑪ Battery shall not be exposed to excessive heat such as sunshine, fire or the like.



Note

- The type plate is located on the back of the product.

2 Your Bluetooth 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/welcome.

Introduction

With this speaker, you can

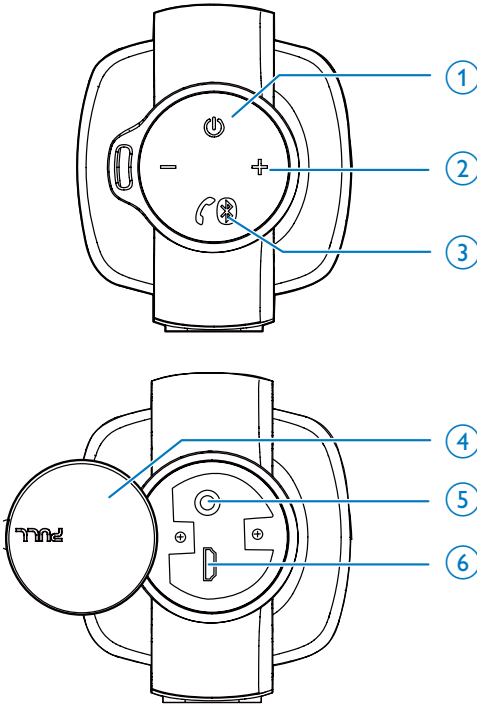
- enjoy audio from your Bluetooth-enabled devices or other external audio devices; and
- control the incoming phone call through Bluetooth connection.

What's in the box



Check and identify the contents of your package:

- Main unit
- USB cable
- Short user manual

Overview of the speaker



- ④ Waterproof protective cover
- ⑤ AUDIO IN socket
 - Connect an external audio device.
- ⑥ USB charging socket
 - Recharge the built-in battery.

- ① 
 - Press and hold to switch on or off.
- ② +/-
 - Adjust volume.
- ③ 
 - Press and hold for more than 2 seconds to enter pairing mode manually.
 - Press and hold for more than 10 seconds to clear pairing information.
 - Press to answer an incoming call.
 - Press and hold to reject an incoming call.
 - During a call, press to end the current call.

3 Get started

Always follow the instructions in this chapter in sequence.

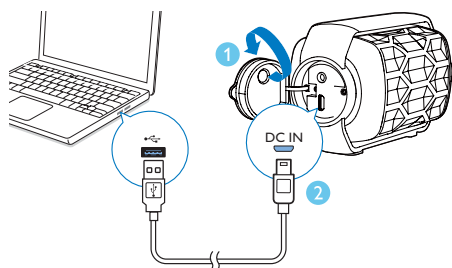
Charge the built-in battery

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

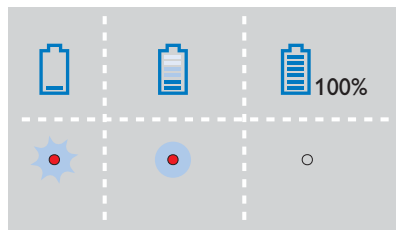
Note

- Before use, fully charge the built-in battery.
- The micro USB socket is for charging only.
- Rechargeable battery has a limited number of charge cycles. Battery life and number of charge cycles vary by use and settings.

- 1 Pull open the protective cover.
- 2 Connect the USB cable between
 - the USB charging socket on the speaker,
 - and
 - a USB socket on a computer.



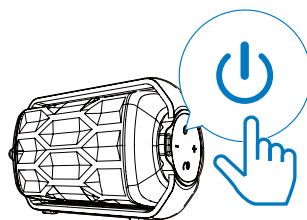
The LED indicator on the ϕ button indicates the battery status.



LED indicator on the ϕ button	Battery status
Solid red	Under charging
Off, or solid white when the speaker is switched on	Fully charged
Flashing red	Low power

Switch on/off

- Press and hold ϕ to switch the speaker on.
 - ↳ The LED indicator on the ϕ button turns solid white.
 - ↳ For first-time setup, the LED indicator on the r button flashes white, indicating that the speaker is in pairing mode.
- To switch off, press and hold ϕ again.
 - ↳ The LED indicator on the ϕ button turns off.



Switch to standby mode

- In Bluetooth mode, if Bluetooth connection is invalid or music playback is stopped for 15 minutes, this speaker switches to standby mode automatically.
 - In AUDIO IN mode, if the audio-in cable is disconnected or music playback is stopped for 15 minutes, this speaker switches to standby mode automatically.
- ↳ To switch on from standby mode, start music play again.

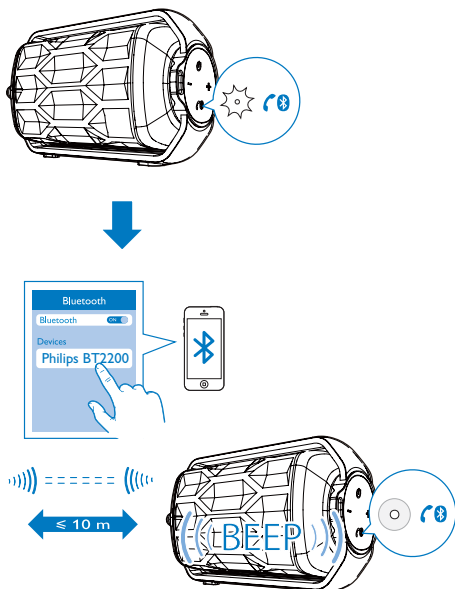
4 Use Bluetooth devices



With this speaker, you can listen to audio from Bluetooth-enabled devices and control the incoming call through Bluetooth.

Connect a device


Note

- Make sure that your Bluetooth device is compatible with this speaker.
- Before pairing a device with this speaker, read its user manual for Bluetooth compatibility.
- The speaker can memorize a maximum of 8 paired devices.
- Make sure that Bluetooth function is enabled on your device, and your device is set as visible to all other Bluetooth devices.
- Any obstacle between this speaker and a Bluetooth device can reduce the operational range.
- Keep away from any other electronic device that may cause interference.
- The operational range between this speaker and a Bluetooth device is approximately 10 meters (30 feet).



- 1 Make sure that the speaker is in pairing mode, that is, the LED indicator on the  button flashes white.
- 2 On your Bluetooth device, enable Bluetooth and search for Bluetooth devices (refer to the user manual of the device).
- 3 When **[Philips BT2200]** is displayed on your device, select it to start pairing and connection. If necessary, enter default password "0000".
 - ↳ After successful pairing and connection, the speaker beeps twice, and the LED indicator on the  button turns solid white.

To disconnect the Bluetooth-enabled device:

- Disable Bluetooth on your device;
- Press  on the speaker; or
- Move the device beyond the communication range.

To clear the existing pairing information:


- Press and hold  for more than 10 seconds.

To reconnect the Bluetooth-enabled device:

- For a paired Bluetooth device on which automatic reconnection is enabled, this product reconnects with it once it is detected.
- For a paired Bluetooth device that does not support automatic reconnection, reconnect it with this product manually.

To connect another Bluetooth-enabled device:

- Disable Bluetooth on the current device, and wait for around 3 minutes before you connect another device.

LED indicator on the  button	Description
Flashing white	Connecting or waiting for connection
Solid white	Connected




Play from Bluetooth device

Note

- If there is an incoming call on the connected mobile phone, music play pauses.
- After successful Bluetooth connection, play audio on the Bluetooth device.
 - ↳ Audio streams from your Bluetooth device to the speaker.

Control your phone call

After Bluetooth connection, you can control an incoming call with this speaker:

Button	Function
	Press to answer answer an incoming call.
	Press and hold to reject an incoming call.
	During a call, press to end the current phone call.

Note

- You can talk through the microphone of the speaker.
- Music play pauses when there is an incoming call, and resumes when your phone call ends.

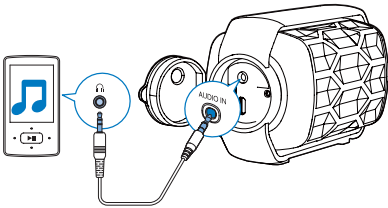
5 Other features

Listen to an external device

With this speaker, you can also listen to an external audio device such as an MP3 player.

- 1 Pull open the protective cover.
- 2 Connect an audio input cable with a 3.5 mm connector on both ends to
 - the **AUDIO IN** socket on this speaker, and
 - the headphone socket on the external device.

↳ The speaker switches to the **AUDIO IN** source automatically.



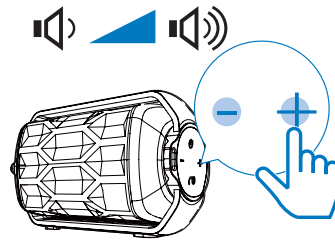
- 3 Play audio on the external device (refer to its user manual).

Tip

- When you unplug the 3.5mm audio cable, the speaker switches to the Bluetooth source automatically.

Adjust volume

- Press +/- on the speaker to increase or decrease the volume.



6 Product information

Note

- Product information is subject to change without prior notice.

Water resistance	IPX6
Operation temperature	0°C~45°C
Storage temperature	-40°C~70°C
Dimensions - Main Unit (W x H x D)	107.3 x 69.1 x 58 mm
Weight - Main Unit	0.2 kg

Specifications

Amplifier

Rated Output Power	1 X 2.8W RMS
Frequency Response	40 - 20000 Hz, ± 3 dB
Signal to Noise Ratio	> 62dBA
AUX Input sensitivity	260mV RMS 22kohm

Bluetooth

Bluetooth version	V4.0
Bluetooth Frequency Band	2.402GHz ~ 2.48GHz ISM Band
Range	10 m (Free space)

Speakers

Speaker Impedance	4 ohm
Speaker Driver	4 cm full range
Sensitivity	> 81dB/m/W ± 3 dB/m/W

General information

Power Supply (through USB socket)	DC 5V, 500mA
Built-in Battery	Li-polymer battery (3.7V, 500mAh)

7 Troubleshooting



Warning

- Never remove the casing of this device.

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.

General

No power

- Recharge your speaker.

No sound

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

No response from the speaker

- Restart the speaker.

About Bluetooth device

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

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

Cannot connect with the device.

- The Bluetooth function of the device is not enabled. Refer to the user manual of the device for how to enable the function.
- This product is already connected with another Bluetooth-enabled device. Disconnect that device and then try again.

The paired device connects and disconnects constantly.

- The Bluetooth reception is poor. Move the device closer to this product or remove any obstacle between them.
- For some devices, Bluetooth connection may be deactivated automatically as a power-saving feature. This does not indicate any malfunction of this product.

8 Notice

Any changes or modifications made to this device that are not expressly approved by WOOX Innovations may void the user's authority to operate the equipment.

Notice for the USA and Canada

This device complies with Part 15 of the FCC Rules and RSS standard of Industry Canada. Operation is subject to the following two conditions:

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules and CAN ICES(B)/NMB-3(B) of Industry Canada. 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 instruction manual, 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:

- Relocate the receiving antenna.
- Increase the separation between equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF Radiation Exposure Statement: This equipment complies with FCC's and IC's RF radiation exposure limits set forth for an uncontrolled environment. The antenna(s) used for this transmitter must be installed and operated to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter. Installers must ensure that 20cm separation distance will be maintained between the device (excluding its handset) and users.

This Class [B] digital apparatus complies with Canadian **CAN ICES(B)/NMB-3(B)**.

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 product may contain lead and mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or visit www.recycle.philips.com.

This product contains non-removable batteries:

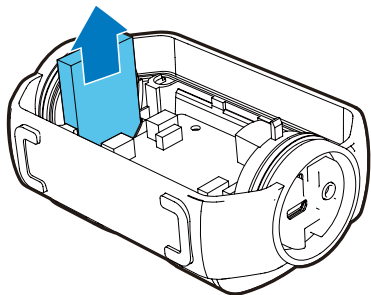
- Do not incinerate. Batteries may explode if overheated.
- For disposal or recycling information, please contact your local authorities or visit www.recycle.philips.com.



Caution

- Removal of the built-in battery invalidates the warranty and may destroy the product.

Always bring your product to a professional to remove the built-in battery.



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.

Bluetooth

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