OWNER'S MANUAL

Portable Bluetooth Speaker

Please read this manual carefully before operating your set and retain it for future reference.

MODEL

PM1

2207_Rev01

www.lg.com

Copyright © 2020-2022 LG Electronics Inc. All Rights Reserved.

Safety Information



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CAUTION: The apparatus should not be exposed to water (dripping or splashing) and no objects filled with liquids, such as vases, should be placed on the apparatus.

WARNING: Do not install this equipment in a confined space such as a book case or similar unit.

CAUTION: Do not use high voltage products around this product. (ex. Electrical swatter) This product may malfunction due to electrical shock.

CAUTION: No naked flame sources, such as lighted candles, should be placed on the apparatus.

CAUTION: Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from over heating. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product shall not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction has been adhered to.

CAUTION concerning the Power Cord

The Power Plug is the disconnecting device. In case of an emergency, the Power Plug must remain readily accessible.

Check the specification page of this owner's manual to be certain of the current requirements.

Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your device, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the device, and have the cord replaced with an exact replacement part by an authorized service center. Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the device.

NOTICE: For safety marking information including product identification and supply ratings, please refer to the main label on the bottom or the other surface of the product.

CAUTION when using this product in environments of low humidity

- It may cause static electricity in environments of low humidity.
- It is recommended to use this product after touching any metal object which conducts electricity.

Symbols

~	Refers to alternating current (AC).
⎓	Refers to direct current (DC).
⧈	Refers to class II equipment.
⏻	Refers to stand-by.
I	Refers to “ON” (power).
⚡	Refers to dangerous voltage.

Table of Contents

1 Getting Started

2 Safety Information
6 Unique features
6 Introduction
7 Front
8 Side

2 Operating

9 Charging the speaker
9 – Charging with the AC adapter
9 – Checking the charging status
10 – Checking Battery status
11 Basic Operations
11 – Using power button
11 – Bluetooth Connection
11 – Bluetooth LED status
12 – Simple Operation Guide
13 Handsfree Function
14 Voice Command
15 Listening to Music from Your External Device
16 Using BLUETOOTH® wireless technology
16 – Listening to music stored on the BLUETOOTH devices
19 Dual Mode Connection
21 Other Operation
21 – Resetting
21 – Notice for Auto Power Off

3 Troubleshooting

22 Troubleshooting

4 Appendix

23 Trademarks and Licenses
23 Handling the Unit
24 Specifications

Unique features

Auto Power Off

This unit supports to turn off by itself for saving energy consumption. (Page 21)

AUX (Portable In)

Listen to music from your portable device.
(Smart phone, Notebook, etc.)

BLUETOOTH®

Listen to music stored on your **Bluetooth** device.

Dual Mode

You can enjoy the sound in stereo by using two speakers. For enjoying Dual Mode, you need to purchase another speaker.
Dual mode is only supported with the same model.
(PM1 and PM1)
(Page 19-20)

Introduction

Symbol used in this manual

Note

Indicates special notes and operating features.

Caution

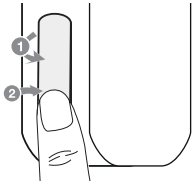
Indicates cautions for preventing possible damages from abuse.

Caution

Water-proof (IPX5)

This speaker is water-proof according to IPX5. IPX5 is "Degrees of protection against ingress of water" However, this system is not completely water-tight. Avoid the cases below.

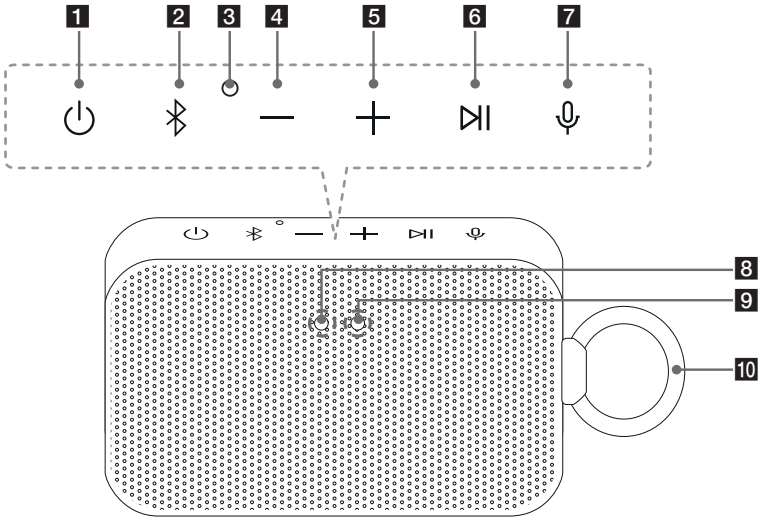
- Do not use unit under water or other liquid.
- When battery is charging, do not expose the unit to water.
- When port is exposed to water, wipe off it with a soft dry cloth. Thoroughly dry it before using the speaker.
- Ports are not water-proof. Make sure close the port cover securely. Refer to below image.



- Position port cover onto 1 and securely press it in 2.

The water resistant performance of the system is based on our measurements under the conditions herein described. Note that malfunctions as a result of water immersion caused by misuse by the customer are not covered by the warranty.

Front



1 ⏻

Turns On / Off: Press it.

* If the power turned on, you can check the battery status by pressing the ⏻ button for 2 seconds.

2 ᛒ

- Changes to **Bluetooth** mode in AUX mode. (Press ᛒ)

* When you connect the 3.5 mm stereo cable, the function is changed to AUX mode.

- Press and hold ᛒ for 7 seconds for **Bluetooth** Initialization.

- Connects two speakers for Dual Mode. Press and hold ᛒ for 2 seconds to use Dual Mode. (Page 19-20)

3 Microphone

4 —

Turn down the volume.

5 +

Turn up the volume.

6 ⏯

- Plays, pauses or skips playback on the **Bluetooth** mode. (Page 12)

- Receives a call on the **Bluetooth** device. (Page 13)

- Mutes the sound on the AUX mode.

7 🎙

- Use Voice Command of your smart device. Press 🎙 button to use voice command. (Page 14)

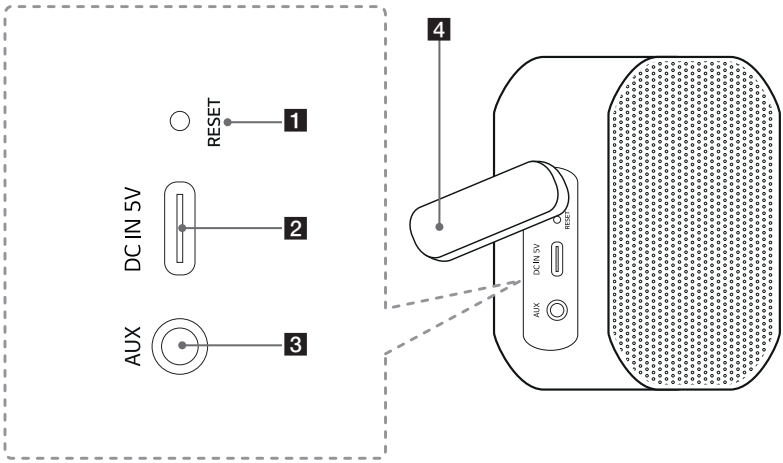
- Mutes the sound on the handsfree function.

8 LED 1 (Power / Battery / Dual Mode LED)

9 LED 2 (**Bluetooth** LED)

10 Strap

Side



1 **RESET** button

2 **DC IN 5V**

USB (C type) port for charging

3 **AUX**

Listens to music from your portable device.

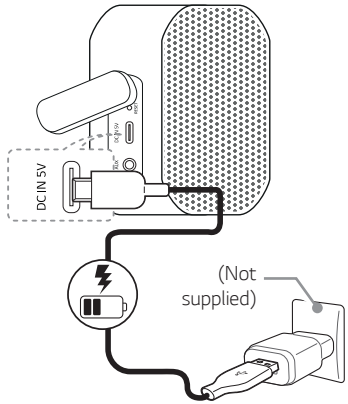
4 Port cover

Charging the speaker

Charging with the AC adapter

This speaker uses built-in battery. Before using it, charge the battery by connecting the AC Adapter.

1. Connect the supplied USB cable to the AC adapter.
2. Connect the USB cable to **DC IN 5V** port of the speaker.
3. Plug the AC power cord into an AC outlet.



Note

Operating time is approx. 5 hours. It is based on what fully charged the battery, continuous playback using 50 % volume level.
It may vary depending on the battery status and operational conditions.

Caution

AC adapter is not supplied. It is recommended that you use the 5 V AC adapter approved by LG Electronics Inc. (more than 2 A) with this speaker because of danger of explosion. If you do not use the recommended adapter, charging is unavailable or charging time may differ.

Checking the charging status

When speaker's battery is charging, you can check the charging status by LED 1 (Battery LED).

LED 1	Description
<With the power on> Green → White	Battery is fully charged.
<With the power off> Green → Off	
Red	Battery is charging.

Note

- If you listen to the music while charging, it will take longer to charge.
- When the speaker is not charging by overheating, LED 1 (Battery LED) blinks red and amber alternately.
  And charging is stopped.
- When the speaker's battery is fully charged, the LED 1 (Battery LED) turn on green for 15 seconds.

Checking Battery status

If the power turned on, you can check the charging status by pressing the ⏻ button for 2 seconds. Then LED 1 (Battery LED) light will change depending on battery charging status.

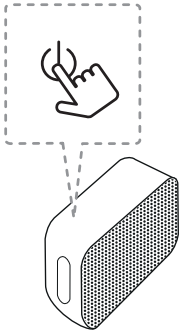
LED 1	Description	Status
Green	LED 1 (Battery LED) turns on green.	≥ 70 %
Amber	LED 1 (Battery LED) turns on amber.	> 10 %
Red	LED 1 (Battery LED) continuously blinks in red and sounds once.	≤ 10 %

Note

- The LED 1 (Battery LED) turn on for 3 seconds, after the ⏻ button press for 2 seconds.
- Checking Battery status is not checked when the speaker is charging.

Basic Operations

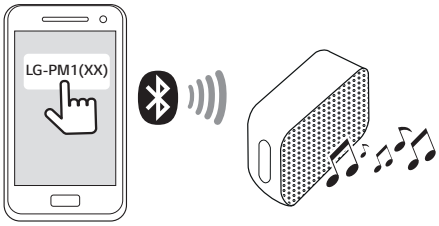
Using power button



Power On / Off

Press the ⏻ button.

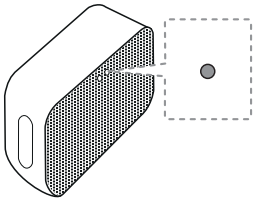
Bluetooth Connection



Play the desired music on the **Bluetooth** device. After pairing, you can control playback using the buttons on the unit. (Page 12, 16-18)

Bluetooth LED status

Check the LED 2 (**Bluetooth** LED) blinks before connecting **Bluetooth** device.



LED 2	Status	Description
✳	LED 2 (**Bluetooth** LED) blinks with the sound.	Searching for **Bluetooth** device.
●	LED 2 (**Bluetooth** LED)turns on with the sound.	**Bluetooth** device is connected.

Note

- In AUX mode, LED 2 (**Bluetooth** LED) turns off.
- Once pairing is performed, it does not need to be done again even if you turn off this unit.
- When switching AUX mode to **Bluetooth** mode, LED 2 (**Bluetooth** LED) turns on but there is no sound.

Simple Operation Guide

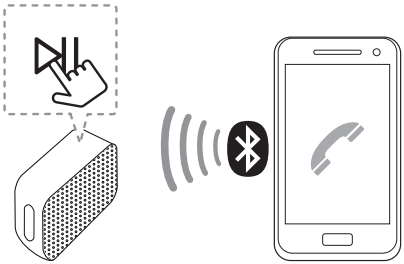
Function	How to	Status
Power On	Press the ⏻ button.	LED 1 (Power LED) turns on with the sound.
Power Off	Press the ⏻ button.	LED 1 (Power LED) turns off with the sound.
Bluetooth pairing	When LED 2 (**Bluetooth** LED) blinks, select LG-PM1 (XX) from device list on your **Bluetooth** device.	LED 2 (**Bluetooth** LED) turns on with the sound.
Volume control	Press — or +.	When this unit reaches minimum volume or maximum volume, you can hear beep sound.
Play / Pause	Press ⏯.	-
Forward skip	Press ⏯ twice.	-
Backward skip	Press ⏯ three times.	-
Handsfree	Press ⏯.	Receive and disconnect a call.
Voice Command	Press 🎙.	You can speak to operate the voice command of your smartphone through speaker's microphone
Dual Mode	Press and hold ᛒ for 2 seconds.	If two speakers are connected, LED 1 (Dual Mode LED) turns on. And LED 2 (**Bluetooth** LED) of the Main speaker turns on and LED 2 (**Bluetooth** LED) of the Other speaker turns off with the sound.
Bluetooth Initialization	Press and hold ᛒ for 7 seconds.	LED 1 (Power LED) and LED 2 (**Bluetooth** LED) blinks 4 times.

Note

- You can adjust playback or volume by using your **Bluetooth** device.
- After initializing **Bluetooth**, it needs to reconnect with **Bluetooth** device. (In case of iOS devices, try to reconnect with **Bluetooth** device after deleted existing connection on **Bluetooth** device.)

Handsfree Function

You can receive incoming call on your **Bluetooth** device to this unit. Connect the unit to a **Bluetooth** device.



Function	How to
Receive a call.	Press ⏯.
End the call.	Press ⏯.
Reject a call.	Press and hold ⏯ for 2 seconds
Toggle between speaker and your phone during a call.	Press and hold ⏯ for 2 seconds
Mute	Press 🎙.

Note

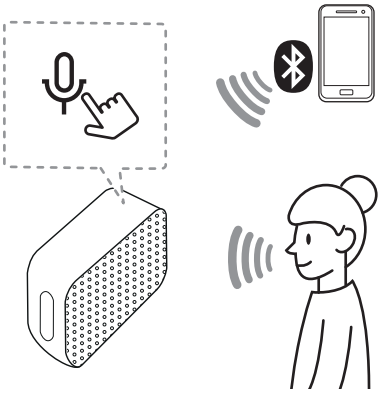
- During Handsfree Function, Voice Command is not supported.
- Only smartphone is available to use this function.
- To adjust the call volume, press —, + buttons on the unit.
- In Dual Mode, you can receive a call on only main speaker due to audio howling. (Page 19-20)
- On some **Bluetooth** devices, when an incoming call is received, it might ring the built-in ringtone, (ex. Android devices) The Built-in ringtone is not adjustable.
- Even if you switch to AUX mode while in **Bluetooth** connection status, you can still use this function.
- When you receive a call by using the talk button on your phone, the call will be connected to your phone. If you want to talk via the speaker, It will need to be changed to speaker mode on your phone. (Only iOS devices)
- If you do not want to use this function, disable the **Bluetooth** setting on your phone. Connect **Bluetooth** again to use this mode.

Voice Command

You can speak to operate the voice command of your smartphone through speaker's microphone by using the voice command app or the Siri.

Note

Make sure use the smart device that has voice command.



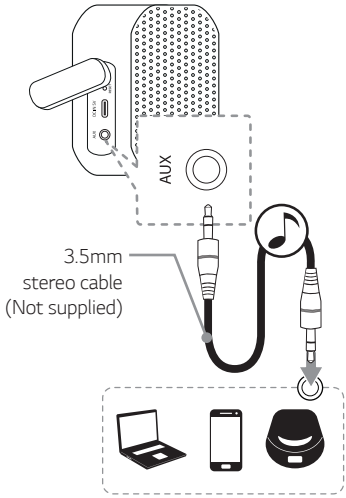
1. Connect the speaker to smart device through **Bluetooth.**
2. Press the button to active voice command of your smart device.
3. Activate voice command app as follow.
   - Android O/S : Select the voice command app.
   - iOS O/S : Siri activates automatically.
4. Make a request to voice command app or Siri through microphone of speaker.

Note

- During Handsfree Function, Voice Command is not supported.
- When voice command time limit exceeded on smart devices, this function automatically cancel.
- It is recommended that you use the Google app (Google Assistant, Google Now etc.) when enjoying this function by using Android device. Google app is provided by Google. Some of location may not support by Google Policy.
- If you want to cancel Voice command mode, press the button again when this function is activating.
- For more information, refer to voice command app or Siri.
- Speaking at near microphone will increase the success rate.
- It may not work depending on the **Bluetooth** device.

Listening to Music from Your External Device

The unit can be used to listen to the music from many types of external device.



1. Turn the power on by pressing ⏻ button.
2. Connect the external device to the **AUX** (3.5mm) connector of the unit.
3. Turn the external device on and start playing.

Note

- When you connect the 3.5 mm stereo cable, the function is changed to AUX mode automatically. And then LED 2 (**Bluetooth** LED) turns off.
- In AUX mode, speaker limits **Bluetooth** connection to prevent unintended **Bluetooth** connection.
- When the ᛒ button is pressed during this mode, it will switch to **Bluetooth** mode.
- When you use Dual Mode, the AUX mode is not supported.

Using BLUETOOTH® wireless technology

About BLUETOOTH

Bluetooth is wireless communication technology for short range connection.

The sound may be interrupted when the connection interfered by the other electronic wave or you connect the **Bluetooth** in the other rooms.

Connecting individual devices under **Bluetooth** wireless technology does not incur any charges. A mobile phone with **Bluetooth** wireless technology can be operated via the Cascade if the connection was made via **Bluetooth** wireless technology.

- Available Devices : Smart phone, Notebook, etc.
- Version : 5.0
- Codec : SBC

BLUETOOTH Profiles

In order to use **Bluetooth** wireless technology, devices must be able to interpret certain profiles. This unit is compatible with following profile.

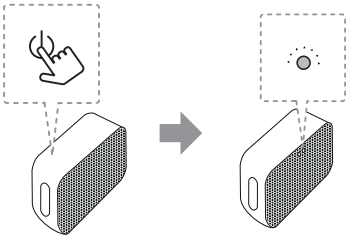
A2DP (Advanced Audio Distribution Profile)
HFP (Handsfree Profile)

Listening to music stored on the BLUETOOTH devices

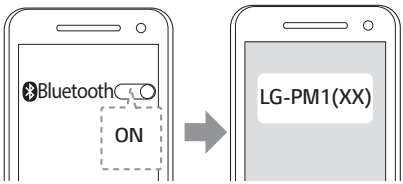
Pairing your unit and BLUETOOTH device

Before you start the pairing procedure, make sure the **Bluetooth** feature is turned on in to your **Bluetooth** device. Refer to your **Bluetooth** device's user guide. Once a pairing operation is performed, it does not need to be performed again.

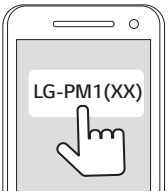
1. Turn on the unit then LED 2 (**Bluetooth** LED) blinks with the sound.



2. Operate the **Bluetooth** device and perform the pairing operation. When searching for this unit with the **Bluetooth** device, a list of the devices found may appear in the **Bluetooth** device display depending on the type of **Bluetooth** device. Your unit appears as "LG-PM1 (XX)".



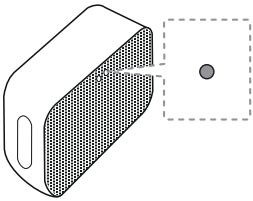
3. Select "LG-PM1 (XX)".



Note

- XX means the last two digits of **Bluetooth** address. For example, if your unit has a **Bluetooth** address such as 9C:02:98:4A:F7:**08**, you will see "LG-PM1 (**08**)" on your **Bluetooth** device.
- Depending on the **Bluetooth** device type, some devices have a different pairing way. For details about **Bluetooth** pairing, refer to your **Bluetooth** device manual.

4. When this unit is successfully connected with your **Bluetooth** device, LED 2 (**Bluetooth** LED) will turn on with the sound.



5. Listen to music.
   To play a music stored on your **Bluetooth** device, refer to your **Bluetooth** device's user guide.

Note

- When using **Bluetooth** technology, you have to make a connection between the unit and the **Bluetooth** device as close as possible and keep the distance close.
  However you may experience issues in the cases below :
  - There is an obstacle between the unit and the **Bluetooth** device.
  - There is a device using same frequency with **Bluetooth** technology such as a medical equipment, a microwave or a wireless LAN device.
- If **Bluetooth** connection does not work well, go to step 1 of "Pairing your unit and BLUETOOTH device" and try again.
- The sound may be interrupted when the connection interfered by the other electronic wave.
- Depending on the type of the device, you may not be able to use the **Bluetooth** function.
- You can enjoy **Bluetooth** function using Smart phone, Notebook, etc..
- The more distance between the unit and the **Bluetooth** device, the lower the sound quality becomes.
- **Bluetooth** connection will be disconnected when the unit is turned off or the **Bluetooth** device gets too far from the unit.
- When **Bluetooth** connection is disconnected, connect the **Bluetooth** device to the unit again.
- **Bluetooth** connection will be maintained even if you change the **Bluetooth** function to a different function.
- When you connect a **Bluetooth** device (iOS device etc.) to this unit or operate the device, the volume level will be synchronized between each device.
- When the unit is not connected, LED 2 (**Bluetooth** LED) will blink.
- When you use the **Bluetooth** function, adjust the volume to a proper level on the **Bluetooth** device.

Controls connected Bluetooth device

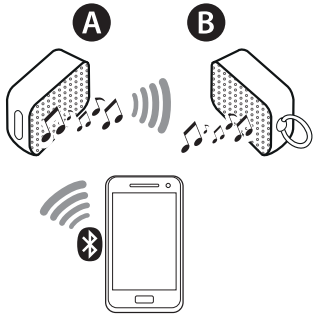
You can control connected **Bluetooth** device from the unit; play, pause, skip, volume

Note

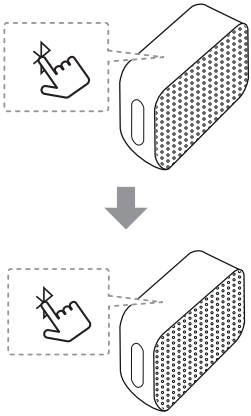
- Only Android OS and iOS is available to use this function.
- This function may not be supported depending on the **Bluetooth** device, or operated differently.

Dual Mode Connection

You can enjoy the sound in stereo by using two speakers. For enjoying Dual Mode, you need to purchase another speaker.

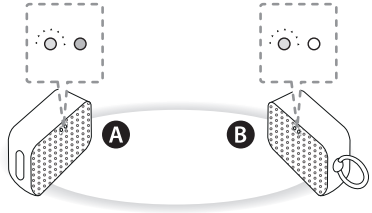


1. Press and hold the each speaker's ᛒ button for 2 seconds. Then the speakers are ready to Dual Mode.



- Beep sound will be heard.

2. If two speakers are connected, LED 1 (Dual Mode LED) turns on. And LED 2 (**Bluetooth** LED) of the Main speaker turns on and LED 2 (**Bluetooth** LED) of the Other speaker turns off.
Beep sounds are heard at the Main speaker and the Other speaker.



- Ⓐ speaker : Main speaker is to set L (Left) channel and turns on LED 2 (**Bluetooth** LED).
- Ⓑ speaker : Other speaker is set to R (Right) channel and turns off LED 2 (**Bluetooth** LED).

Note

- It takes up to 1 minute to connect to Dual Mode.
- Using Dual Mode is limited to only PM1 Model and is unavailable on other Portable **Bluetooth** Speaker.
- If the speaker is charging, LED 1 (Dual Mode LED) turn on red and white alternately.
- If you are not connected to **Bluetooth** device, main speaker's LED 2 (**Bluetooth** LED) blinks.
- The Ⓐ speaker depends on MAC address of **Bluetooth.**

3. Play the desired music on the **Bluetooth** device.

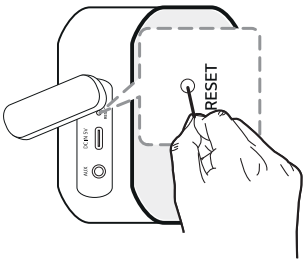
Note

- In Dual Mode, you can connect only the main speaker(Ⓐ) with the **Bluetooth** device.
- If you turn the power off and then on again, two speakers need to be reconnection for using Dual Mode.
- If the units fail to connect Dual Mode, go to step 1 and try again.
- When Dual Mode connection is on processing, you cannot search the units on other **Bluetooth** devices.
- When you disconnect Dual Mode connection, Press and hold ᛒ button for 2 seconds of one of the two speakers again.
- When you enjoy Dual Mode, you can adjust the Volume, Playback of both main (Ⓐ)and other (Ⓑ) speakers at the same time.
- When you connect Dual Mode connection while using AUX mode, this speaker automatically changes to **Bluetooth** mode.
- In Dual Mode, you can receive a call on only main speaker due to audio howling.
- If you connect 3.5 mm stereo cable in Dual Mode, it will cancel Dual Mode and then change to AUX mode.
- When you connect a **Bluetooth** device (iOS device etc.) to this unit or operate the device, the volume level can be synchronized between each device.
- In Dual Mode, make the distance between the speakers as close as possible each other.
- Depending on network environment, the Dual Mode may not work well.
- In Dual Mode, you can only use voice command on the main speaker.
- Some mobile phones might not play music properly when you try to connect Dual Mode during playback.
- The speaker might not synchronize audio with video (ex. TV etc).
- Press ⏻ button or press and hold ᛒ button for 2 seconds to cancel Dual Mode.
- Auto Power Down On/Off setting is not supported in Dual Mode.

Other Operation

Resetting

If have a malfunction with the speaker, press the **RESET** button using an object like a thin pin. Then speaker turns off. Press ⏻ button to try turning on speaker again.



Note

Press the **RESET** button after disconnect the charging cable.

Notice for Auto Power Off

When the unit is in **Bluetooth** mode without music playback for 15 minutes or in AUX mode without button operation for 6 hours, this unit is turned off automatically.

The function can be turned on or off.
When setting is changed in the order as below, LED 1 (Power LED) blinks 5 times with beep sound.

Function	How to
ON	Press and hold ⏻, + for 2 seconds simultaneously.
OFF	Press and hold ⏻, − for 2 seconds simultaneously.

Note

If the function was off, speaker will be off in this way that press the ⏻ button or battery is completely discharged.

Troubleshooting

Problem	Cause & Correction
No Power.	• The battery is discharged. Recharge the battery. • Connect the unit to the power supply with the AC adapter.
No sound or sound distortion.	• The unit or your smart device's volume is set to minimum. Check and adjust the volume of the unit or **Bluetooth** device's volume. • When you use an external device at high volume, the sound quality may be deteriorated. Lower the volume of the devices. • If you use the unit for purposes other than listening to music, the sound quality may be lowered or the unit may not work properly.
Bluetooth pairing does not work well.	• Switch **Bluetooth** off and on again on your **Bluetooth** device, then try pairing again. • Be sure your **Bluetooth** device is on. • Remove the obstacle in the path of the **Bluetooth** device and the unit. • Depending on the type of the **Bluetooth** device or surrounding environment, your device may not be paired with the unit.
The unit does not operate normally.	• If the battery was fully discharged, the stored **Bluetooth** information can be deleted. Previous setting may not be saved when the unit's power is shut off. • In case of malfunction, please use the unit in proper place where the temperature or humidity is not so high or low. • In case of overload, LED 1 (Battery LED) blinks red and amber alternately. Please turn the power off and then on again.
Above solutions do not work.	• Press the **RESET** button on speaker using an object like a thin pin. (Page 21)

Trademarks and Licenses



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

Handling the Unit

When shipping the unit

Please save the original shipping carton and packing materials. If you need to ship the unit, for maximum protection, re-pack the unit as it was originally packed at the factory.

Keeping the exterior surfaces clean

- Do not use volatile liquids such as insecticide spray near the unit.
- Wiping with strong pressure may damage the surface.
- Do not leave rubber or plastic products in contact with the unit for a long period of time.

Cleaning the unit

To clean the unit, use a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth lightly moistened with a mild detergent solution. Do not use strong solvents such as alcohol, benzine, or thinner, as these might damage the surface of the unit.

Specifications

General	
Power requirements	5 V ⎓ 2 A (AC adapter) Built-in rechargeable battery
Power consumption	Refer to the main label.
Dimensions (W x H x D)	Approx. 141.5 mm X 74.6 mm X 38.3 mm
Operating temperature	5 °C to 35 °C
Operating humidity	5 % to 60 % RH
Water-proof	IPX5

Inputs	
AUX (Portable in)	0.5 Vrms (3.5 mm stereo jack)

Battery	
Battery capacity	730 mAh
Operating time	Approx. 5 hours. It may vary depending on the battery status and operational conditions.
Charging time	Less than 3 hours (with AC Adapter). It can be varied depending on the conditions of the battery or operation.

Amplifier (RMS Output power)	
Total output	3 W RMS

- Design and specifications are subject to change without notice.


LG
Life's Good