

OWNER'S MANUAL

Portable Bluetooth Speaker

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

MODELS

PH1

PH1L

PH1R



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 shall be 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

Most appliances recommend they be placed upon a dedicated circuit;

That is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits. Check the specification page of this owner's manual to be certain. 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 appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized service centre. 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 appliance. The Power Plug is the disconnecting device. In case of an emergency, the Power Plug must remain readily accessible.

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.

This device is equipped with a portable battery or accumulator.

Safety way to remove the battery or the battery from the equipment: Remove the old battery or battery pack, follow the steps in reverse order than the assembly. To prevent contamination of the environment and bring on possible threat to human and animal health, the old battery or the battery put it in the appropriate container at designated collection points. Do not dispose of batteries or battery together with other waste. It is recommended that you use local, free reimbursement systems batteries and accumulators. The battery shall not be exposed to excessive heat such as sunshine, fire or the like.

Do not remove battery incorporated with product for your safety. If you need to replace the battery, take it to the nearest authorized LG Electronics service point or dealer for assistance.

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

- 3 Safety Information
- 6 Introduction
- 6 Accessories
- 7 Main Unit
- 8 Charging the Unit
 - 8 – Connecting the AC adapter
 - 8 – Checking Battery status
 - 8 – Checking the charging status

2 Operating

- 9 Basic Operations
 - 9 – Using power button
 - 9 – Bluetooth Connection
 - 9 – Simple Operation Guide
 - 10 – Bluetooth LED (BLUE) status
- 10 Handsfree Function
- 11 Mood LED light
- 12 Listening to Music from Your External Device
- 12 Using BLUETOOTH® technology
 - 13 – Listening to music stored on the BLUETOOTH devices
- 14 Other Operation
 - 14 – Resetting
 - 14 – Notice for Auto Power Off

3 Troubleshooting

- 15 Troubleshooting

4 Appendix

- 16 Trademarks and Licenses
- 16 Handling the Unit
- 17 Specifications

Introduction

Symbol used in this manual



Note

Indicates special notes and operating features.

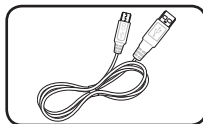


Caution

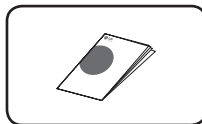
Indicates cautions for preventing possible damages from abuse.

Accessories

Please check and identify the supplied accessories.

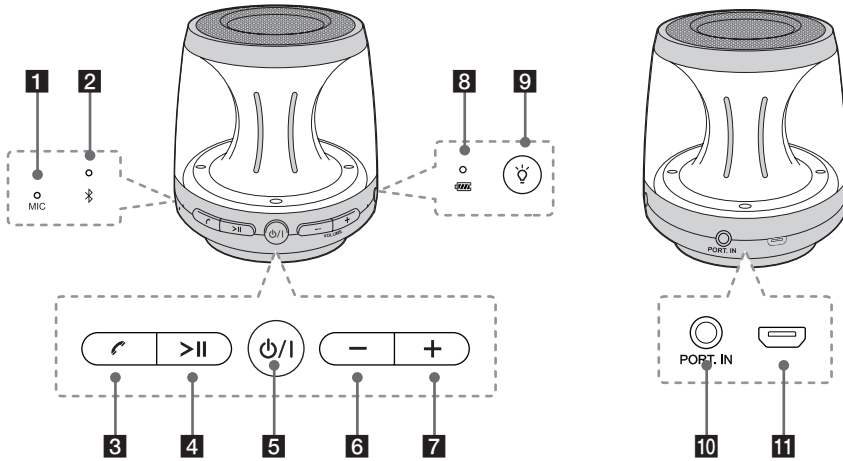


USB cable (1)



Simple Manual (1)

Main Unit



1 MIC

2 BLUETOOTH LED

3

Receives or redials on the **Bluetooth** device.
(Refer to the page 10.)

4 >||

Starts or pauses playback on the **Bluetooth** mode.

5

Turns On / Off : Press and hold it.

6 - : Turn down the volume.

7 + : Turn up the volume.

8 Battery LED

9

Turns on mood LED light. (Refer to the page 11.)

10 PORT.IN

Listens to music from your portable device.

11

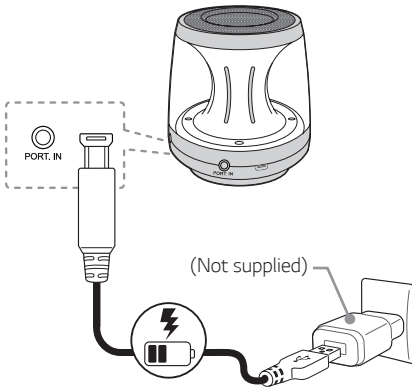
USB port for charging

Charging the Unit

Connecting the AC adapter

This device 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 USB port of the unit.
3. Plug the AC adapter into an AC outlet.



If the battery is fully charged in charging mode, LED (RED) is turned off.

Caution

AC adapter is not supplied.
It is recommended that you use the 5 V AC adapter approved by LG Electronics Inc. (more than 1.8 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 Battery status

When AC Adapter is connected, battery charging is started. You can check the charging status by LED (RED).

LED	Condition	Description
	Battery LED turns off.	Battery is full charged.
	Battery LED blinks with the sound.	Battery is low. (Power on)
	Battery LED turns on.	Battery is charging.

Note

- Operating time is approx. 5 hours. (Based on fully charged the battery and continuous playback using 50 % volume level.) It may vary depending on the battery status and operational conditions.
- If you listening the music while charging, it will take longer to charge.

Checking the charging status

If the power turned on, you can check the charging status by pressing button. Then Mood LED light will blink depending on battery charging status.

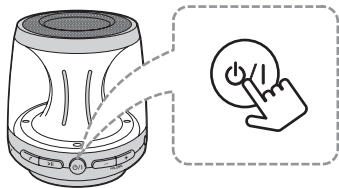
Mood LED light blinking	Battery Status
3 times	$\geq 60\%$
twice	$\geq 60\sim 25\%$
once	$< 25\%$

Note

When Mood LED light turn off, you can check battery charging status.

Basic Operations

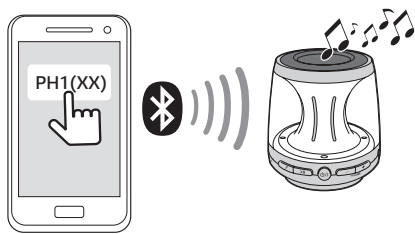
Using power button



Power On / Off

Press and hold the  button for more than 2 seconds.

Bluetooth Connection



Play the desired music on the **Bluetooth** device. After pairing, you can control playback using the buttons on the front of the unit.

Simple Operation Guide

Function	How to	Status
Power On	Press and hold the  button.	 LED blinks with the sound.
Power Off	Press and hold the  button.	 LED turns off with the sound.
Bluetooth pairing	When  LED blinks with the sound, select LG PH1 (XX) from device list on your smart device.	 LED turns on with the sound.
Play / Pause	Press  .	-
Forward skip	Press  twice.	-
Backward skip	Press  three times.	-
Volume control	Press  or 	When this unit reaches minimum volume or maximum volume, you can hear beep sound.

Bluetooth LED (BLUE) status

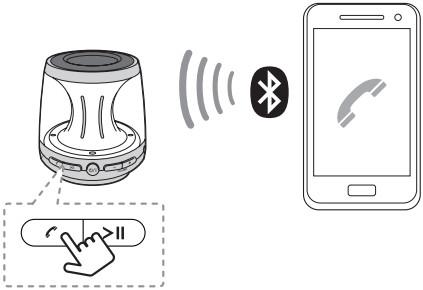
LED	Condition	Description
 	 LED blinks with the sound.	Searching for Bluetooth device.
 	 LED turns on with the sound.	Bluetooth device is connected.

! Note

- Once pairing is performed, it does not need to be done again even if you turn off this unit.
- To disconnect the **Bluetooth** device, press and hold  on the front of the unit for 3 seconds. The unit is disconnected.

Handsfree Function

You can receive incoming call and redial the last call on your **Bluetooth** device to this speaker. Connect the speaker to a **Bluetooth** device.



Function	How to
Receive a call.	Press  .
Redial the last sending call.	Press  twice.
Reject a call.	Press  for 2 seconds.
End the call.	Press  .

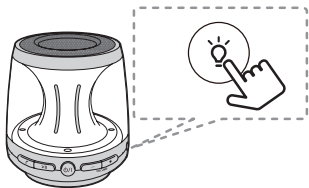
! Note

You can adjust the call volume.

Mood LED light

You can turn on mood LED light on this speaker.

When you press  button, the mood LED light settings will be appeared in the order as below.



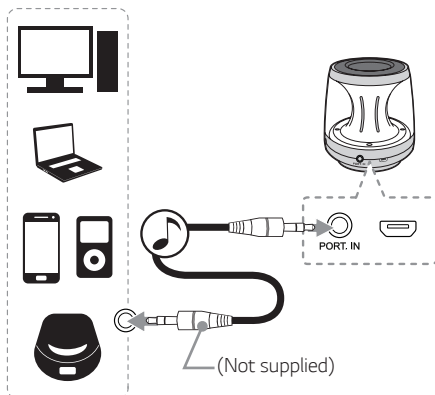
Function	How to	Status
Turns on	Press and hold the  button.	Turns on mood LED light.
Turns off	Press and hold the  button.	Turns off mood LED light.
Various colors	Press  .	Changes automatically mood LED light color. (White→Green→Red)
White color	Press  .	Turns on mood LED light. (White)
Music-synchronized	Press  .	Synchronizes mood LED light to music. Music-synchronized option is available only when the speaker is on.

 Note

Even though speaker is off, you can adjust mood LED light.

Listening to Music from Your External Device

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



1. Connect the external device to the Portable In connector of the unit.
2. Turn the power on by pressing and holding **⏻/I** button.
3. Turn the external device on and start playing.



Note

When you connect the portable cable, the function is changed to portable in mode automatically.

Using BLUETOOTH® 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, MP3 player, etc.
- Version : 3.0
- 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)

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 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 PH1 (xx)".
3. Select "LG PH1 (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 PH1 (08)" on your **Bluetooth** device.
- Depending on the **Bluetooth** device type, some device have a different pairing way. Enter the PIN code (0000) as needed.

4. When this unit is successfully connected with your **Bluetooth** device,  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.
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.
- You should connect your **Bluetooth** device to this unit again when you restart it.
- The sound may be interrupted when the connection interfered by the other electronic wave.
- You may not control the **Bluetooth** device with this unit.
- Pairing is limited one **Bluetooth** device per one unit and multi-pairing is not supported.
- 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, MP3 player, 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.
- When you connect **Bluetooth** device (iOS device etc.) to this unit or operate the device, the volume level can be synchronized with each other.
- When the unit is not connected, **Bluetooth** LED will blink.
- **Bluetooth** connection using the TV, PC or dongle is not supported.

Other Operation

Resetting

In case that the unit freezes due to malfunction, press **>||** and **+** buttons at the same time. Then the unit is turned off completely.

Notice for Auto Power Off

When the unit is in **Bluetooth** mode without music playback for 20 minutes or in portable input mode without button operation for 6 hours, this unit is turned off automatically.

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.

Trademarks and Licenses



The **Bluetooth** word mark and logos are 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 player, 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  1.8 A (AC adapter) Built-in rechargeable battery
Power consumption	2.5 W
Dimensions (W x H x D)	Approx. 81 mm X 88mm X 82 mm
Net Weight	Approx. 0.19 kg
Operating temperature	0 °C to 35 °C
Operating humidity	5 % to 60 %

Inputs	
PORT. IN	0.25 Vrms (3.5 mm stereo jack)
USB	Micro USB port for charging battery

Speaker	
Type	Built-in
Impedance Rated	4 Ω
Rated Input Power	2 W
Max Input Power	4 W

Battery	
Battery capacity	700 mAh
Operating time	Approx. 5 hours. It may vary depending on the battery status and operational conditions.
Charging time	Less than 3 hours. The operating time can be varied depending on the conditions of the battery or operation.

- Design and specifications are subject to change without notice.

