

## OWNER'S MANUAL

# Portable Bluetooth Speaker

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

### MODELS

PK5

PK5W



MFL70426568  
2004\_Rev03

[www.lg.com](http://www.lg.com)

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## Safety Information



**CAUTION**  
**RISK OF ELECTRIC SHOCK**  
**DO NOT OPEN**



**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.        |

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## Unique features

### Auto Power Off

This unit supports to turn off by itself for saving energy consumption. (Page 27)

### Portable In

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

### BLUETOOTH®

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

### Music Flow Bluetooth

Music Flow Bluetooth is an app designed to let you take control of some of LG's latest audio devices. (Page 23-24)

### Dual Play (Optional)

You can enjoy the sound in stereo by using two speakers. For enjoying Dual play, you need to purchase another speaker. (Available PK series model: 5, 7)

## Introduction

### Symbol used in this manual

#### ! Note

Indicates special notes and operating features.

#### ! Caution

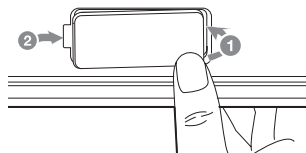
Indicates cautions for preventing possible damages from abuse.

#### ! 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.

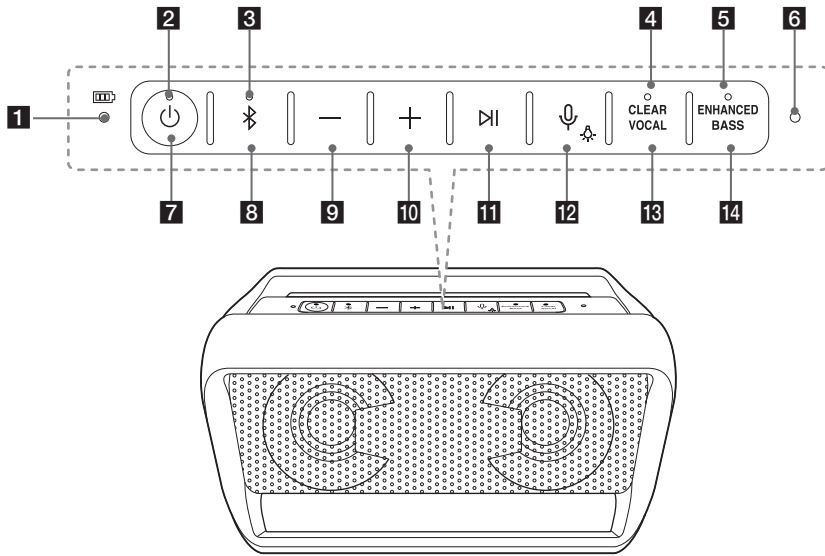
- Do not use unit under water or other liquid.
- When battery is charging, do not expose the unit to water.
- When port is exposed to water, wipe off it with a soft dry cloth. Thoroughly dry it before using the speaker.
- Ports are not water-proof. Make sure close the port cover securely. Refer to below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

**2** Power LED

**3** **Bluetooth** LED

**4** CLEAR VOCAL LED

**5** ENHANCED BASS LED

**6** Microphone

**7**

Turns On / Off: Press it.

**8**

- Adds a **Bluetooth** device for multi phone pairing. (Press and hold for 2 seconds)
- Changes to **Bluetooth** mode in portable mode. (Press )

\* When you connect the portable cable, the function is changed to portable mode.

**9** : Turn down the volume.

**10** : Turn up the volume.

**11**

- 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 portable mode.

**12**

- Use voice command of your smart device. (Page 14)
- Changes mood light. (Press and hold for 2 seconds) (Page 15)

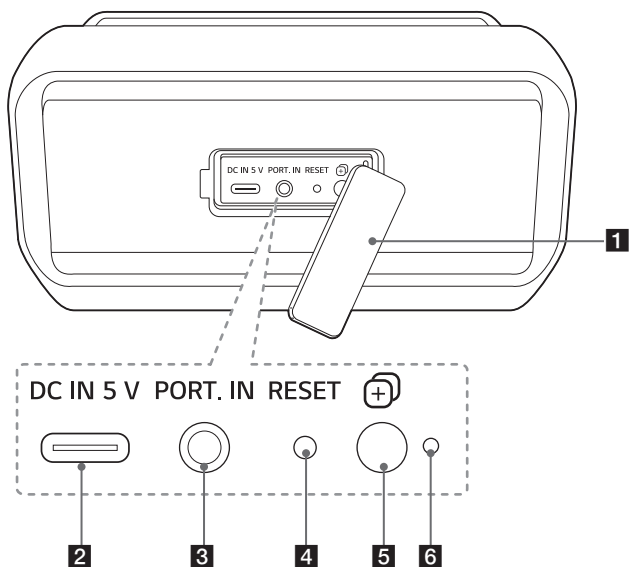
**13** **CLEAR VOCAL**

- Changes sound effect. (Page 16)

**14** **ENHANCED BASS**

- Changes sound effect. (Page 16)

# Rear



**1** Port cover

**2** DC IN 5 V  
USB port for charging

**3** PORT.IN  
Listens to music from your portable device.

**4** RESET button

**5** Connects two speakers for dual play.  
(Page 25-26)

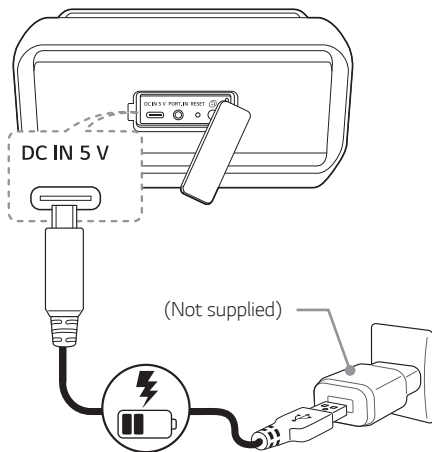
**6** Dual Play LED

# 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. 18 hours. It is based on what fully charged the battery, continuous playback using 50 % volume level and turning off mood light and equalizer functions. 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 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 the charging status

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

| LED                                                                                        | Description               |
|--------------------------------------------------------------------------------------------|---------------------------|
| <br>Green | Battery is fully charged. |
| <br>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, Battery LED turn on red and amber alternately. And charging is stopped.
- When the speaker's battery is fully charged, the Battery LED turn on green for 15 seconds and then off.

## Checking Battery status

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

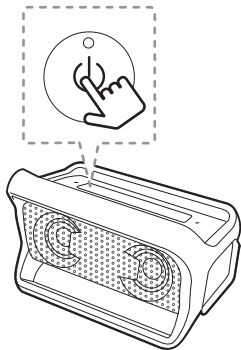
| LED                                                                                        | Description                                            | Status                                                                                         |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <br>Green | Battery LED turns on green.                            |  $\geq 70 \%$ |
| <br>Amber | Battery LED turns on amber.                            |  $> 10 \%$    |
| <br>Red   | Battery LED continuously blinks in red with the sound. |  $\leq 10 \%$ |

### Note

- The 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.
- If the speaker is connected to your smartphone, you can check the battery status on "Music Flow Bluetooth" app. It may vary from actual battery capacity. (Only Android)

# Basic Operations

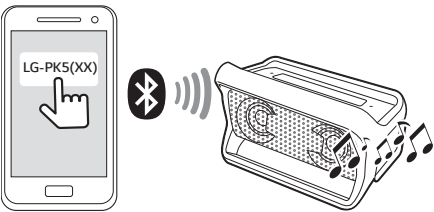
## Using power button



### Power On / Off

Press the  button.

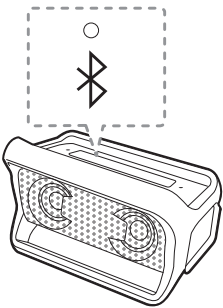
## Bluetooth Connection



Play the desired music on the **Bluetooth** device. After pairing, you can control playback using the buttons on the unit. (Page 12, 18-20)

## Bluetooth LED status

Check the **Bluetooth** LED blinks before connecting **Bluetooth** device.



| LED                                                                                                                                                                    | Status                                        | Description                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------|
| <br> | <b>Bluetooth</b> LED blinks with the sound.   | Searching for <b>Bluetooth</b> device. |
| <br> | <b>Bluetooth</b> LED turns on with the sound. | <b>Bluetooth</b> device is connected.  |

### ! Note

- In Portable mode, **Bluetooth** LED turns off.
- Once pairing is performed, it does not need to be done again even if you turn off this unit.

## Simple Operation Guide

| Function                        | How to                                                                                                                                                                         | Status                                                                                                                                    |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Power On                        | Press the  button.                                                                            | Power LED turns on with the sound.                                                                                                        |
| Power Off                       | Press the  button.                                                                            | Power LED turns off with the sound.                                                                                                       |
| <b>Bluetooth</b> pairing        | When <b>Bluetooth</b> LED blinks, select LG-PK5 (XX) from device list on your <b>Bluetooth</b> device.                                                                         | <b>Bluetooth</b> LED turns on with the sound.                                                                                             |
| Multi phone pairing             | Press and hold  for 2 seconds to add another <b>Bluetooth</b> device.                         | During the search for another device, the <b>Bluetooth</b> LED blinks. After pairing, <b>Bluetooth</b> LED stays in white 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.                                                                                                            |
| Dual play (optional)            | Press and hold the  button for 2 seconds                                                      | Dual Play LED turns on with the sound.                                                                                                    |
| <b>Bluetooth</b> Initialization | Press and hold  for 7 seconds.                                                                | Power and <b>Bluetooth</b> LED blinks 4 times.                                                                                            |

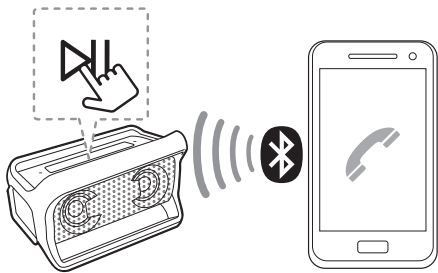


### Note

- In Dual Play mode, the multi phone pairing connection is not supported. (Page 25-26)
- 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 <b>▷  </b> .                      |
| End the call.                                        | Press <b>▷  </b> .                      |
| Reject a call.                                       | Press and hold <b>▷  </b> for 2 seconds |
| Toggle between speaker and your phone during a call. | Press and hold <b>▷  </b> for 2 seconds |

## ! Note

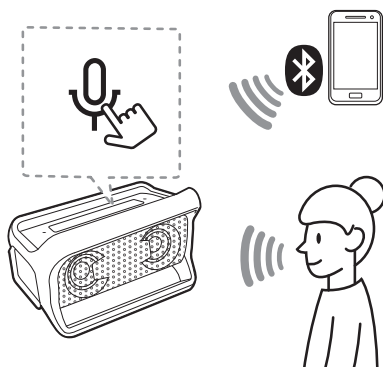
- Only smartphone is available to use this function.
- To adjust the call volume, press **—**, **+** buttons on the unit.
- In Dual Play mode, you can receive a call on only main speaker due to audio howling. (Page 25-26)
- On some **Bluetooth** devices, when an incoming call is received, it might ring the built-in ringtone, (ex. iOS devices) The Built-in ringtone is not adjustable.
- In multi phone pairing mode, you can only receive the call of one of the connected devices on the speaker.
- If a call is connected between multi paired **Bluetooth** device, hands free does not work correctly.
- Even if you switch to portable mode while in **Bluetooth** connection status, you can still use this function.
- To use this mode, some **Bluetooth** devices will need to be changed to speaker mode when a call is received. (ex. iOS devices)
- If you receive a call by using the talk button on your phone, the call will be connected to 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.



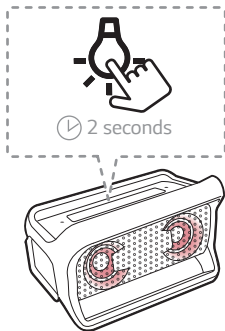
1. Connect the speaker to smart device through **Bluetooth**.
2. Press the  button to active voice command of your smart device.
3. Activate voice command app as follow.
  - Android O/S : Select the voice command app.
  - iOS O/S : Siri activates automatically.
4. Make a request to voice command app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

### ! Note

- 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.

## Mood light

You can turn on mood light on this unit.  
When you press and hold the  button for 2 seconds, the mood light settings will be appeared in the order as below.



| Function                   | Description                                                                       |
|----------------------------|-----------------------------------------------------------------------------------|
| Party                      | Various colors light turns on.                                                    |
| Water                      | Blue tone light turns on.                                                         |
| Forest                     | Yellow tone light turns on.                                                       |
| My style<br>(Only Android) | To enable My Style option, you have to customize with "Music Flow Bluetooth" app. |
| Off                        | Mood light turns off.                                                             |

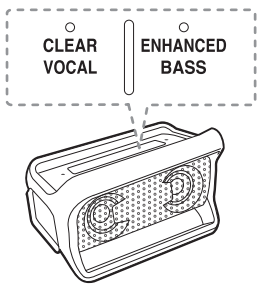


### Note

- If you play the music, Mood light is synchronized to the music.
- When you turn the speaker back on, the last used option will be on.

# Sound Effect

Sound Effect is optimally tuned in UK's high-end audio company MERIDIAN. MERIDIAN technology provides improved vocal clarity, wide sound field and rich bass. You can select a desired sound effect by using **CLEAR VOCAL** and/or **ENHANCED BASS** buttons.



## Setting Sound effect

○ On / ● Off

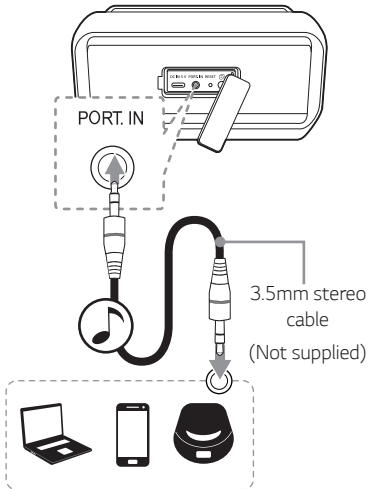
| LED                                                           | Function                   | Description                                                                                                                                            |
|---------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>○ Clear Vocal</div><div>○ Enhanced Bass</div></div> | Clear Vocal+ Enhanced Bass | You can enjoy Clear Vocal and Enhanced Bass at the same time.                                                                                          |
| <div><div>○ Clear Vocal</div><div>● Enhanced Bass</div></div> | Clear Vocal                | You can enjoy High-fidelity sound with improved the vocal clarity of every lyric.<br>- Clear Vocal is more effective for music with vocal.             |
| <div><div>● Clear Vocal</div><div>○ Enhanced Bass</div></div> | Enhanced Bass              | You can enjoy Wide sound field and rich bass with emphasis the bass and warmth of the music.<br>- Enhanced Bass is more effective for music with bass. |
| <div><div>● Clear Vocal</div><div>● Enhanced Bass</div></div> | Standard                   | You can enjoy pure and natural sound.                                                                                                                  |

### ! Note

- When you turn the speaker back on, the last used option will be on.
- You can adjust sound effect using "Music Flow Bluetooth" app.
- When you select "Standard" "Enhanced Bass", "Clear Vocal" or "Clear Vocal + Enhanced Bass" sound effect, you can enjoy premium sound with MERIDIAN technology.
- Because fine-tune sound to provide optimal high-quality sound, It might be a little difference between sound effect modes.

## 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 **PORT.IN** (3.5mm) connector of the unit.
2. Turn the power on by pressing **⏻** button.
3. Turn the external device on and start playing.

### ! Note

- When you connect the portable cable, the function is changed to portable mode automatically.
- In Portable mode, speaker limits **Bluetooth** connection to prevent unintended **Bluetooth** connection.
- When the **⌘** button is pressed during this mode, it will switch to **Bluetooth** mode.
- When you use Dual Play mode, the portable 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 : 4.2
- Codec : SBC, AAC, AptX, AptX HD

### BLUETOOTH Profiles

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

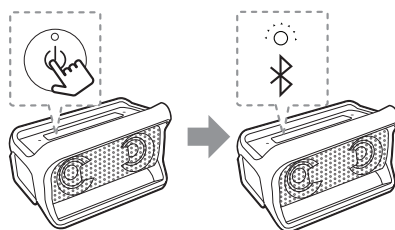
A2DP (Advanced Audio Distribution Profile)  
HFP (Handsfree Profile)

## Listening to music stored on the BLUETOOTH devices

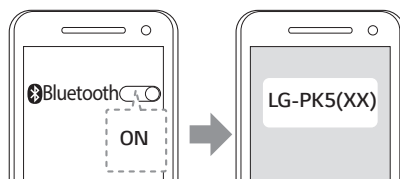
### Pairing your unit and BLUETOOTH device

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.

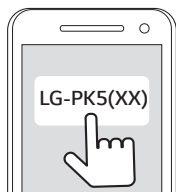
1. Turn on the unit then **Bluetooth** LED blinks with the sound.



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-PK5 (xx)".



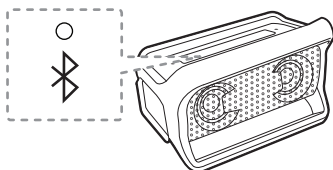
3. Select "LG-PK5 (xx)".



### ! 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-PK5 (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, **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, **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.



### Note

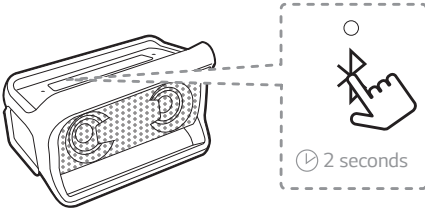
- Only Android OS and iOS is available to use this function.
- This function may not be supported depending on the **Bluetooth** device, or operated differently.

## Multi phone pairing

The unit can be connected to 2 **Bluetooth** devices at the same time.

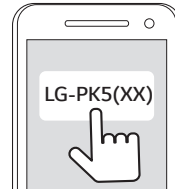
### Pairing with Two Devices

1. Connect the unit to a **Bluetooth** device.  
(Page 18-20)
2. When the **Bluetooth** device and unit are connected, press and hold  button for 2 seconds.



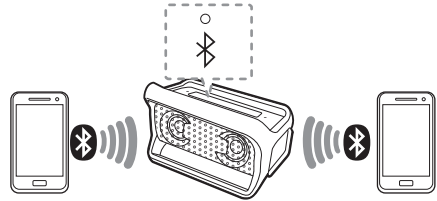
- Then **Bluetooth** LED blinks with the sound. The unit is changed to multi phone pairing mode.

3. Select "LG-PK5 (XX)" from device list on another **Bluetooth** device.



- Then the speaker is connection with 2 **Bluetooth** devices.

4. When connection of 2 **Bluetooth** devices are successful, **Bluetooth** LED will turn on.



### ! Note

- When you use Dual Play mode, the multi phone pairing connection is not supported. Press and hold the **[H]** button for 2 seconds to cancel Dual play mode.
- You can connect this unit with up to 2 **Bluetooth** devices simultaneously by using the same method as described on the previous page.
- When the speaker is in the multi phone pairing mode, you will need to connect the other **Bluetooth** device and speaker within a few minutes (Approx. 1 minute). Otherwise multi phone pairing mode will be canceled.
- The multi phone pairing connection is only supported on Android devices. (Multi phone pairing connection may not be supported depending on the connected device's specifications.)
- Removable/detachable **Bluetooth** device (Ex :Dongle etc..) doesn't support multi phone pairing.
- Even if this speaker is connected with up to 2 **Bluetooth** devices, you cannot play and control music on both **Bluetooth** devices at same time. Stop the music if you want to play the other **Bluetooth**.
- After multi-pairing connection, it takes a little time for the music to be played depending on the **Bluetooth** devices.
- In case of multi phone pairing, automatically connection of 2 **Bluetooth** devices is not supported. Only one **Bluetooth** device will be automatically connected to the speaker. The other device should be connected manually.
- If you get out of **Bluetooth**'s effective distance without disconnecting **Bluetooth**, it may take a few minutes to connect other **Bluetooth** devices. But after power off and on, you can connect other **Bluetooth** devices without waiting.
- If you try to pair a new **Bluetooth** device when it is already connected to 2 **Bluetooth** devices, this speaker automatically disconnects one **Bluetooth** device. (The **Bluetooth** device in use is excluded from disconnection.)
- You can change the mode of multi phone pairing in "Music Flow Bluetooth" app Multi play mode.
- When using AptX HD codec-enabled devices in multi phone pairing, the AptX HD codec transcodes to lower than AptX HD codec.
- When multi phone pairing connection is completed, some of mobile phones (ex. AptX HD supported devices) play music after a brief pause.
- In case of multi-pairing, only one **Bluetooth** device that has control can use voice command.

## Using the Music Flow Bluetooth App

### ! Note

- Only Android OS is available to use "Music Flow Bluetooth" app with this unit.
- It is recommended to use the latest version of app.

## About "Music Flow Bluetooth" App

"Music Flow Bluetooth" app brings a suite of new features to this unit.

To enjoy more features, you are recommended to download and install free "Music Flow Bluetooth" app.

## Install "Music Flow Bluetooth" App onto Your Bluetooth Device

There are two ways to install "Music Flow Bluetooth" App onto Your **Bluetooth** Device.

### Install "Music Flow Bluetooth" App through QR code

1. Install "Music Flow Bluetooth" app through QR code. Use the scanning software to scan the QR code.



2. Tap an icon for installation.

### ! Note

- Make sure that your **Bluetooth** device is connected to the Internet.
- Make sure that your **Bluetooth** device has a scanning software application. If you don't have one, download one from "Google Android Market (Google Play Store)".
- Depending on the area, QR code may not work.

## Install “Music Flow Bluetooth” App through “Google Android Market (Google Play Store)”

1. Tap the “Google Android Market (Google Play Store)” icon.
2. In the search bar, type in the “Music Flow Bluetooth” and search it.
3. In the search result list, find and tap “Music Flow Bluetooth” to start downloading **Bluetooth** app.
4. Tap an icon for installation.
5. Tap an icon for downloading.

### ! Note

- Make sure that your **Bluetooth** device is connected to the Internet.
- Make sure that your **Bluetooth** device is equipped with “Google Android Market (Google Play Store)”.

## Activate Bluetooth with “Music Flow Bluetooth” App

“Music Flow Bluetooth” app helps to connect your **Bluetooth** device to this unit.

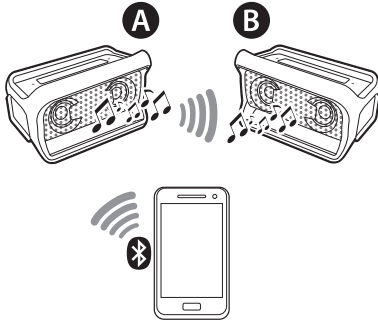
1. Tap “Music Flow Bluetooth” app icon on the home screen to open “Music Flow Bluetooth” app, and go to the main menu.
2. If you want to get more information to operate, tap [Setting] and tap [Help] menu.

### ! Note

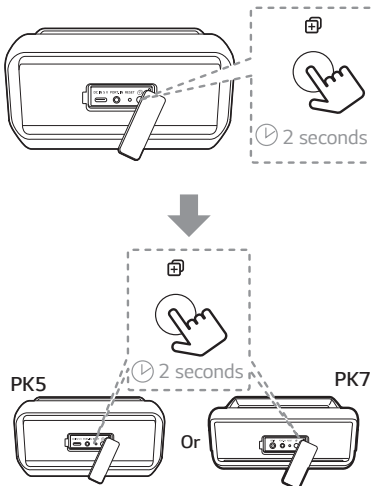
- “Music Flow Bluetooth” app will be available in the software version as follow;
  - Android O/S : Ver 4.0.3 (or later)
- Depending on the **Bluetooth** device, “Music Flow Bluetooth” app may not work.
- After connection of “Music Flow Bluetooth” app, music may be output from your device. In this case, try connecting procedure again.
- If you operate the other applications or change the settings on your **Bluetooth** device while using “Music Flow Bluetooth” app, “Music Flow Bluetooth” app may operate abnormally.
- When “Music Flow Bluetooth” app operates abnormally, check your **Bluetooth** device and the connection of “Music Flow Bluetooth” app and then try to connect again.
- Depending on the smart phone's operating system, you have some differences for “Music Flow Bluetooth” operation.
- Check **Bluetooth** setting on your **Bluetooth** device if “Music Flow Bluetooth” app connection does not work well.

## Dual Play Connection (Optional)

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

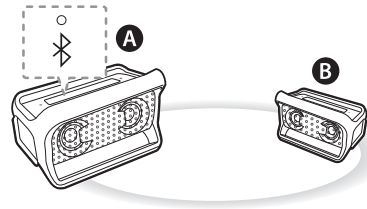


1. Press and hold the each speaker's  button for 2 seconds. Then the speakers are ready to Dual play mode.



- Beep sound is heard and Dual Play LED will blink white fast.

2. If two speakers are connected, blinking Dual Play LEDs will stay white with beep sound.



- **A** speaker : Main speaker is to set L (left) channel and turns on Dual Play LED and **Bluetooth** LED.
- **B** speaker : Other speaker is set to R (Right) channel and turns on Dual Play LED.

### ! Note

- It takes up to 1 minute to connect to dual play.
- Using Dual play is limited to PK 5, 7 series model.
  - When connect to Dual Play connection with same models, the sound will be stereo. In case, you can change the sound to stereo and twin with "Music Flow Bluetooth" app.
  - When connect to PK7 and PK5 with Dual Play because output powers are different, the sound will be twin.
- If you are not connected to **Bluetooth** device, main speaker's **Bluetooth** LED blinks.
- The **A** speaker depends on MAC address of **Bluetooth**.

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

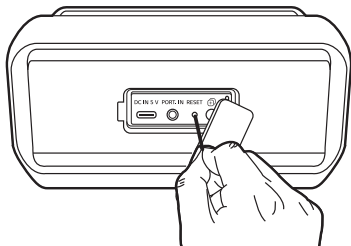
### ! Note

- When you enjoy Dual Play, Multi phone pairing is not supported.
  - Main speaker (A) connects only one **Bluetooth** device.
- In Dual Play mode, you can connect only the main speaker (A) with the **Bluetooth** device.
- If you turn the power off and then on again, two speakers need to be reconnection for using dual play mode.
- If the units fail to connect Dual play, go to step 1 and try again.
- When Dual Play connection is on processing, you cannot search the units on other **Bluetooth** devices.
- When you disconnect Dual Play connection, press and hold the **+** buttons for 2 seconds of one of the two speakers again.
- When you connect Dual play connection while using portable mode, this speaker automatically changes to **Bluetooth** mode.
- In Dual Play mode, you can receive a call on only main speaker due to audio howling.
- If you connect Portable cable in Dual Play mode, it will cancel Dual play mode and then change to Portable mode.
- You can connect to Dual play connection with "Music Flow Bluetooth" app. In this case, the speaker that is connected to "Music Flow Bluetooth" app will be the main speaker. You are only able to connect to one speaker when connected to Dual play with "Music Flow Bluetooth" app.
- To change the **Bluetooth** device in Dual Play mode, press and hold **X** for 2 seconds to disconnect current **Bluetooth** device and connect to the desired **Bluetooth** device.
- 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 Play mode, make the distance between the speakers as close as possible each other.
- Depending on network environment, the Dual Play may not work well.
- When the Dual play mode is entered, some mobile phones (ex. AptX HD supported devices) play music after a brief pause.
- In Dual Play 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 Play during playback.
- The speaker might not synchronize audio with video (ex. TV etc).

## Other Operation

### Resetting

In case that the unit freezes due to malfunction, press the **RESET** button using an object like a thin pin. Then speaker turns off. Press  button to try turning on speaker again.



### Turn on/off the beep sound

Set up the beep sound through "Music Flow Bluetooth" app (Only Android):  
"Music Flow Bluetooth" menu → [Setting] → [Beep Sound]

### Notice for Auto Power Off

When the unit is in **Bluetooth** mode without music playback for 15 minutes or in portable input 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, 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.                                    | <ul style="list-style-type: none"><li>• The battery is discharged. Recharge the battery.</li><li>• Connect the unit to the power supply with the AC adapter.</li></ul>                                                                                                                                                                                                                                                                                                      |
| No sound or sound distortion.                | <ul style="list-style-type: none"><li>• The unit or your smart device's volume is set to minimum. Check and adjust the volume of the unit or <b>Bluetooth</b> device's volume.</li><li>• When you use an external device at high volume, the sound quality may be deteriorated. Lower the volume of the devices.</li><li>• 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.</li></ul>    |
| <b>Bluetooth</b> pairing does not work well. | <ul style="list-style-type: none"><li>• Switch <b>Bluetooth</b> off and on again on your <b>Bluetooth</b> device, then try pairing again.</li><li>• Be sure your <b>Bluetooth</b> device is on.</li><li>• Remove the obstacle in the path of the <b>Bluetooth</b> device and the unit.</li><li>• Depending on the type of the <b>Bluetooth</b> device or surrounding environment, your device may not be paired with the unit.</li></ul>                                    |
| The unit does not operate normally.          | <ul style="list-style-type: none"><li>• If the battery was fully discharged, the stored <b>Bluetooth</b> information can be deleted. Previous setting may not be saved when the unit's power is shut off.</li><li>• In case of malfunction, please use the unit in proper place where the temperature or humidity is not so high or low.</li><li>• In case of overload, power and <b>Bluetooth</b> LEDs blink white. Please turn the power off and then on again.</li></ul> |
| Above solutions do not work.                 | <ul style="list-style-type: none"><li>• Press the <b>RESET</b> button on speaker using an object like a thin pin. (Page 27)</li></ul>                                                                                                                                                                                                                                                                                                                                       |

## Trademarks and Licenses

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## 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)<br>Built-in rechargeable battery |
| Power consumption      | Refer to the main label.                                                                                                                  |
| Dimensions (W x H x D) | Approx. 220 mm X 129 mm X 119 mm<br>(8.66 inch x 5.08 inch x 4.69 inch)                                                                   |
| Operating temperature  | 5 °C to 35 °C                                                                                                                             |
| Operating humidity     | 5 % to 60 %                                                                                                                               |
| Water-proof            | IPX5                                                                                                                                      |

| Inputs   |                                     |
|----------|-------------------------------------|
| PORT. IN | 0.5 Vrms (3.5 mm stereo jack)       |
| USB      | Micro USB port for charging battery |

| Battery          |                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------|
| Battery capacity | 2600mAh (Typ)<br>2500 mAh (Min)                                                                                   |
| Operating time   | Approx. 18 hours.<br>It may vary depending on the battery status and operational conditions.                      |
| Charging time    | Less than 4 hours (with AC Adapter).<br>It can be varied depending on the conditions of the battery or operation. |

- Design and specifications are subject to change without notice.

