



MUSICflow HS6

SMART Hi-Fi AUDIO

Wireless Multi-room Sound Bar

Model : LAS650M (HS6)

ENGLISH | OWNER'S MANUAL

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



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 shall not be exposed to water (dripping or splashing) and no objects filled with liquids, such as vases, shall 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 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.

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

CAUTION : Only use the AC adapter supplied with this device. Do not use a power supply from another device or another manufacturer. Using any other power cable or power supply may cause damage to the device and void your warranty.

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

This device is equipped with a portable battery or accumulator.

Safety way to remove 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 should not be exposed to excessive heat such as sunshine, fire or the like.

- The appliance is not intended for use by young children or infirm persons without supervision.
- Young Children should be supervised to ensure that they do not play with appliance.
- If the appliance is supplied from a cord extension set or an electrical portable outlet device, the cord extension set on electrical portable outlet device must be positioned so that it is not subject to splashing or ingress of moisture.

RF Radiation Exposure Statement

This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

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5

Some of the content in this manual may differ from Music Flow Player app depending on the application's version.

Main Features

Made for iPod/iPhone/iPad or Android device

Enjoys music from iPod/iPhone/iPad or Android device with simple connection.

LG Sound Sync

Controls volume level of this unit by the remote control of your LG TV that is compatible with LG Sound Sync.

Portable In

Listens to music from your portable device.

Music Flow Player application

Listens to music stored on your smart device.

You can control this speaker with your iPod touch/iPhone/iPad or Android device via Music Flow Player app. This speaker and your smart device must be connected to the same network. Visit "iTunes store" or "Google Play Store" or use the QR code shown below to search for "Music Flow Player" app. For detailed information, refer to page 21.



(Android OS)



(Apple iOS)

- Depending on the application's version and the settings of smart device, Music Flow Player app may not be operated normally.
- Some smart devices may not be compatible with this speaker.

Introduction

Symbol used in this manual

! Note

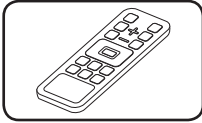
Indicates special notes and operating features.

⚠ Caution

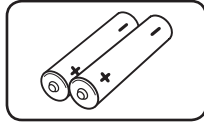
Indicates cautions for preventing possible damages from abuse.

Accessories

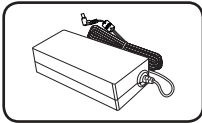
Please check and identify the supplied accessories. Designs and specifications of the accessories are subject to change without prior notice.



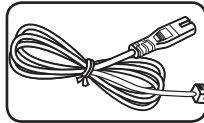
Remote control (1)



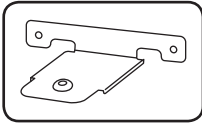
Batteries (2)



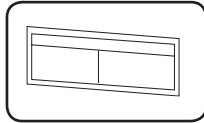
AC adapter (1)



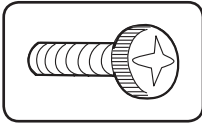
Power cord (1)



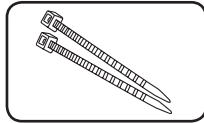
Wall bracket (2)



Wall bracket install guide (1)



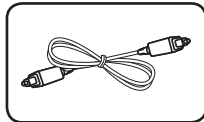
Screws (2)



Cable ties for arranging cables (2)



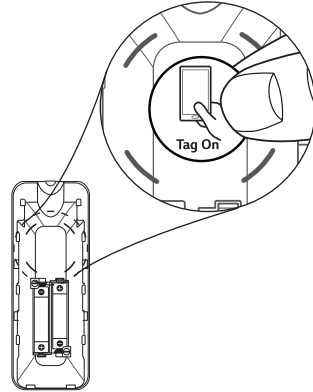
LG Tag On sticker (1)



Optical cable (1)

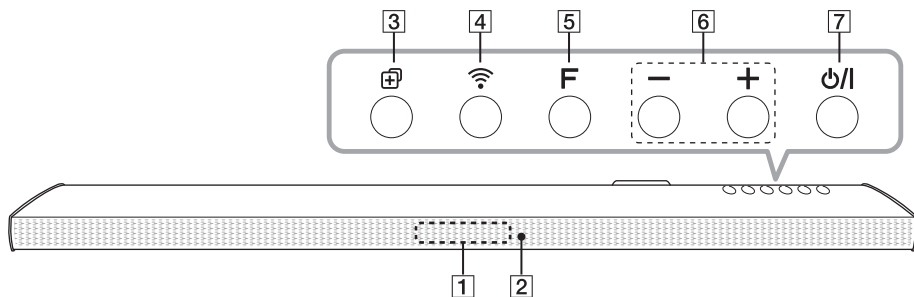
LG Tag On sticker



1. Remove the battery cover on the rear of the remote control.
2. Attach the supplied LG Tag On sticker on the remote control. See the image below.



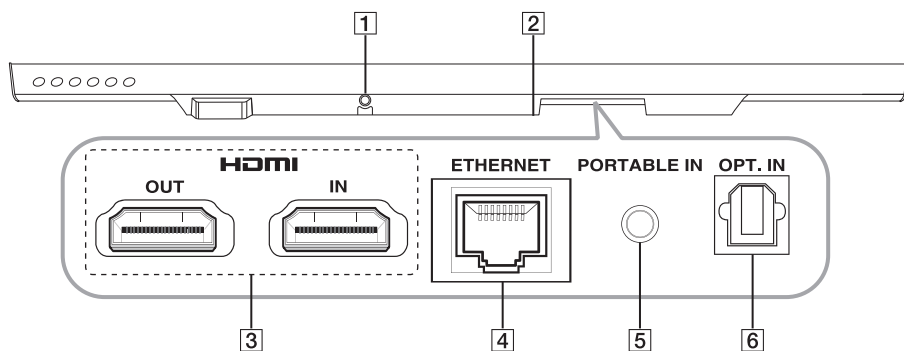
Refer to the pages 43 and 49 for how to use.

Front panel



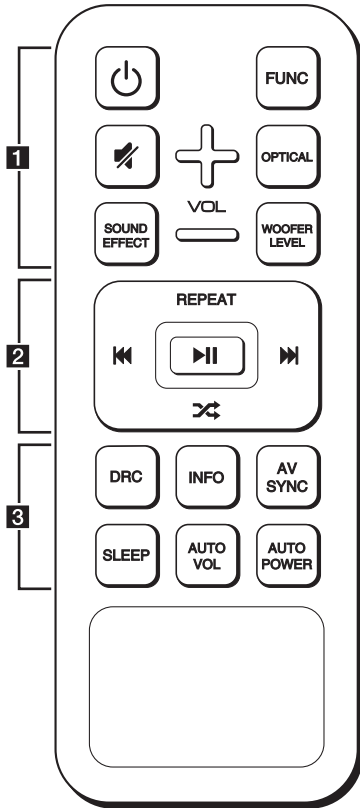
- 1** Display window
- 2** Remote sensor
LED indicator
Shows connection status.
- 3**  (Add)
Adds the speaker to your network. (page 32)
- 4**  (Wi-Fi)
Connects your speaker to your network. (page 25)
- 5** **F** (Function)
Selects the function and input source.
- 6** **- / +** (Volume)
Adjusts volume level.
- 7** **⏻ / ⏻** (Standby/On)
- Power On
- Switching to the standby mode (page 55)

Rear panel



- 1** **DC IN** (AC adapter input)
- 2** S/W download connector (For service only)
- 3** **HDMI IN / OUT** : HDMI input / output
- 4** **ETHERNET** : LAN port
- 5** **PORTABLE IN** : Portable input
- 6** **OPT. IN** : Optical input

Remote control



Battery Installation

Remove the battery cover on the rear of the Remote Control, and insert two R03 (size AAA) batteries with $+$ and $-$ matched correctly.

1

Power : Switches the unit ON or OFF. / Switches to the standby mode.

FUNC : Selects the function and the input source.

Mute : Mutes the sound.

OPTICAL : Changes input source to OPTICAL directly.

SOUND EFFECT : Selects a sound effect mode.

WOOFER LEVEL : Sets the sound level of woofer.

VOL + / - : Adjusts speaker volume.

2

REPEAT : Listen to your music repeatedly.

⏮ ⏭ (Skip) : Skips Fast backward or Forward.

▶ ⏸ (Play/Pause) : Starts playback. / Pauses playback.

🔄 (Shuffle) : Shuffles the music on the list.

! Note

You can use these playback buttons after play music by "Music Flow Player" App or PC software.

3

DRC : Turns on or off DRC function.

INFO : Displays the input source information.

AV SYNC : Synchronizes the audio and video.

SLEEP : Sets the system to turn off automatically at a specified time.

AUTO VOL : Turns on or off the AUTO VOLUME mode.

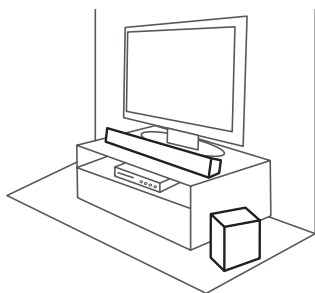
AUTO POWER : Turns on or off AUTO POWER function. (Refer to the page 51.)

Installing the sound bar

You can hear the sound by connecting the unit to the other device : TV, Blu-ray disc player, DVD player, etc.

Place the unit in front of the TV and connect it to the device you want. (Refer to pp. 14 - 19.)

You can place the wireless subwoofer anywhere in your room. But it is better to place the subwoofer near the main unit. Turn it slightly toward the center of the room to reduce the wall reflections.

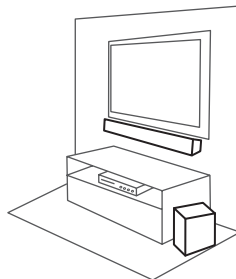


Caution

For best performance of wireless connection such as Bluetooth or wireless subwoofer, do not install the unit on Metallic furniture because wireless connection communicates through a module positioned on the bottom of the unit.

Mounting the main unit on a wall

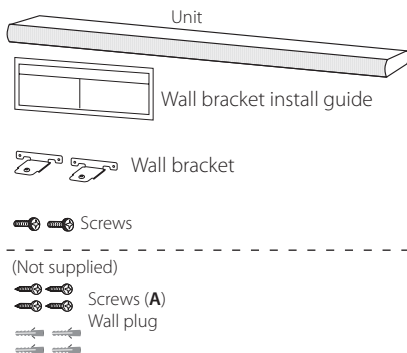
You can mount the main unit on a wall.



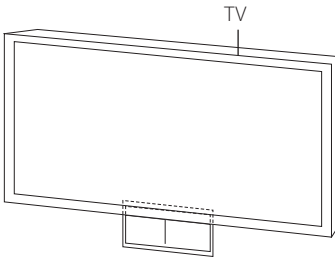
Caution

Because it is difficult to make a connection after installing this unit, you should connect the cables before installation.

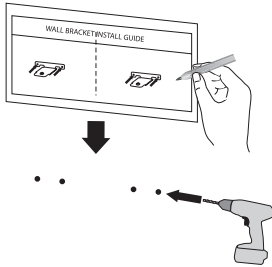
Preparation materials



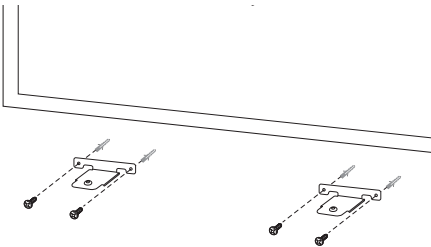
1. Match the TV's BOTTOM EDGE of Wall bracket install guide with the bottom of TV and attach to the position.



2. When you mount it on a wall (concrete), use the wall plugs. You should drill some holes. A guide sheet (Wall bracket install guide) is supplied to drill. Use the sheet to check the point to drill.



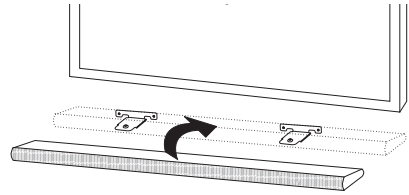
3. Remove the Wall bracket install guide.
4. Fix the brackets with screws (A) as shown in the illustration below.



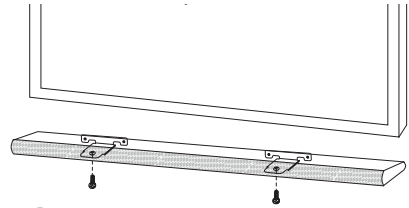
! Note

Screws (A) and Wall Plugs are not supplied for mounting the unit. We recommend the Hilti (HUD-1 6 x 30) for the mounting.

5. Put the unit on the brackets to match screw holes on the bottom of the unit.



6. Fix the unit with the screws firmly.



! Note

To detach the unit, perform it in reverse order.

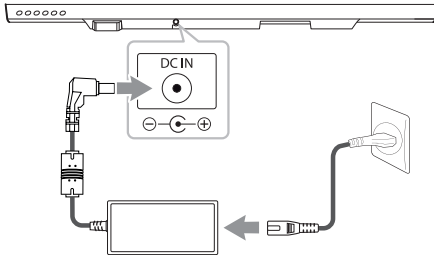
! Caution

- Do not install this unit upside down. It can damage the parts of this unit or be the cause of personal injury.
- Do not hang onto the installed unit and avoid any impact to the unit.
- Secure the unit firmly to the wall so that it does not fall off. If the unit falls off, it may result in an injury or damage to the product.
- When the unit is installed on a wall, please make sure that a child does not pull any of connecting cables, as it may cause it to fall.

Connecting the AC Adapter

Connect the speaker to the power supply with the supplied AC adapter.

1. Connect the supplied AC power cord to the AC adapter.
2. Connect the AC adapter cable to DC. IN adapter input.
3. Plug the AC power cord into an AC outlet.



Caution

Only use the AC adapter supplied with this device. Do not use a power supply from another device or manufacturer. Using any other power cable or power supply may cause damage to the device and void your warranty.

Wireless subwoofer connection

LED indicator of wireless subwoofer


LED Color	Status
Green (Blink)	The connection is trying.
Green	The connection is completed.
Red	The wireless subwoofer is in standby mode or the connection is failed.
Off (No display)	The power cord of wireless subwoofer is disconnected.

Setting up the wireless subwoofer for the first time

1. Connect the power cord of the wireless subwoofer to the outlet.
2. Turn on the main unit : The main unit and wireless subwoofer will be automatically connected.

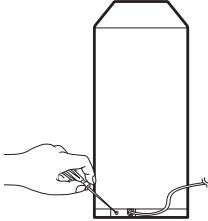
Manually pairing wireless subwoofer

When your connection is not completed, you can see the red LED or the blinking of green LED on the wireless subwoofer and the subwoofer does not make sound. To solve the problem, follow the below steps.

1. Adjust volume level of the main unit to minimum.
 - "VOL MIN" appears on the display window.
2. Press and hold  (Mute) on the remote control for about 3 seconds.
 - "WL RESET" appears on the display window briefly.

3. If the LED of the wireless subwoofer already blinks in green continually, you can skip this step.

Press and hold **PAIRING** on the back of the wireless subwoofer for more than 5 seconds.



- The LED of the wireless subwoofer lights up alternately in red and green.
4. Disconnect the power cord of the main unit and the wireless subwoofer.
 5. Connect them again after the LED of the main unit and the wireless subwoofer is fully turned off.

The main unit and the wireless subwoofer will be paired automatically when you turn on the main unit.

- When the connection is completed, you can see the green LED on the subwoofer.

! Note

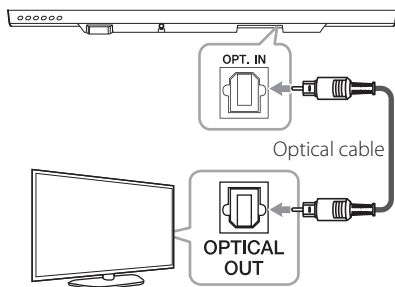
- It takes a few seconds (and may take longer) for the main unit and the subwoofer to communicate with each other and make sounds.
- The closer the main unit and the subwoofer, the better sound quality. It is recommended to install the main unit and the subwoofer as close as possible (within 5 m) and avoid the cases below.
 - There is an obstacle between the main unit and the subwoofer.
 - There is a device using same frequency with this wireless connection such as a medical equipment, a microwave or a wireless LAN device.

Connecting to your TV

Please connect with this unit and TV using the optical digital cable or HDMI cable considering the state of the TV.

Using an OPTICAL cable

1. Connect the OPT. IN jack on the back of the unit to OPTICAL OUT jack on the TV using an OPTICAL cable.



2. Set the input source to OPTICAL. Press repeatedly **FUNC** on the remote control or **F** on the unit until the function is selected. To directly select the OPTICAL function, press **OPTICAL** on the remote control.

! Note

- You can enjoy the TV audio through the speakers of this unit. In the case of some TV models, you must select the external speaker option from the TV menu. (For details, reference your TV user manual.)
- Set up the sound output of TV to listen to the sound through this unit :
TV setting menu → [Sound] → [TV Sound output] → [External speaker (Optical)]
- Details of TV setting menu vary depending on the manufacturers or models of your TV.

LG Sound Sync

Sound Sync

You can control some functions of this unit by your TV's remote control with LG Sound Sync. It is compatible with the LG TV that is supported LG Sound Sync. Make sure of the LG Sound Sync logo on your TV.

Controllable function by LG TV's remote control :
Volume up/down, mute

Refer to the TV's instruction manual for the details of LG Sound Sync.

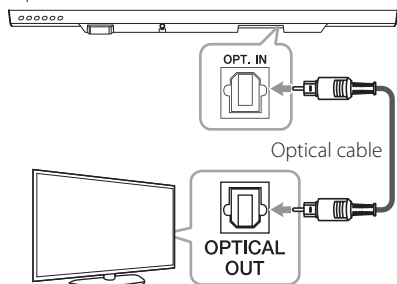
Make one of the following connections, depending on the capabilities of your equipment.

! Note

- You can also use the remote control of this unit while using LG Sound Sync. If you use TV's remote control again, the unit synchronizes with the TV.
- When the connection fails, make sure of the condition of the TV and power.
- Make sure of the condition of this unit and the connection in the cases below when using LG Sound Sync.
 - Turn off the unit.
 - Changing the function to the others.
 - Disconnecting the optical cable.
- The amount of time to turn off this unit is different depending on your TV when you set AUTO POWER function to ON.

With wired connection

1. Connect your LG TV to the unit by using an optical cable.



2. Set up the sound output of TV to listen to the sound through this unit :
TV setting menu → [Sound] → [TV Sound output] → [LG Sound Sync (Optical)]
3. Turn on the unit by pressing **Power** on the remote control.
4. Select OPTICAL function by using **FUNC** on the remote control or **F** on the unit until the function is selected.

You can see "LG OPT" on the display window if connecting normally between this unit and your TV.

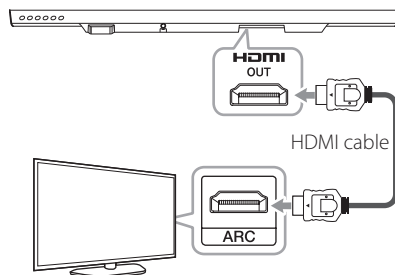
! Note

Details of TV setting menu vary depending on the manufacturers or models of your TV.

Using an HDMI cable

If you connect this unit to a TV that supports HDMI CEC and ARC (Audio Return Channel), you can enjoy the TV audio through the speakers of this unit without connecting the optical cable.

Connect the HDMI OUT jack on the back of the unit to ARC jack on the TV using an HDMI cable.



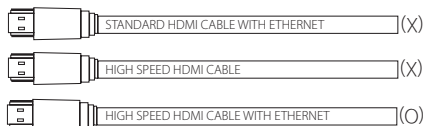
! Note

- HDMI CEC (Consumer Electronics Control): Using a single remote control, you have the ability to operate CEC compatible devices (TV, Sound Bar, Blue-ray player, etc.)
- You can also enjoy extra functions such as Bluetooth with **FUNC** on remote control or **F** on this unit. When you go back to live TV channel after using the extra functions (Bluetooth) of this audio system, you should choose your preferred speaker on TV to enjoy the sound from this audio system again.

HDMI cable Checklist

Some HDMI cables do not support the ARC function, this can result in no sound output.

When connecting this unit to the TV, if there is no sound, there might be a problem with the HDMI cable. Therefore connect this unit to the TV and check whether the Type A, High speed HDMI™ Cable with Ethernet.



Enjoy rich sound broadcast of the channel with the sound bar

Connection through HDMI Cable

Your television must support the newest HDMI features (HDMI CEC¹⁾ / ARC (Audio Return Channel)) to fully enjoy the Live broadcasting channel with audio system through an HDMI cable. Unless your TV supports these HDMI features, the audio system should be connected through an OPTICAL cable.

1) HDMI CEC (High-Definition Multimedia Interface Consumer Electronics Control)

Consumer Electronics Control (CEC) is an HDMI feature designed to allow the user to command and control the CEC-enabled devices, that are connected through HDMI by using only one of their remote controls.

※ Trade names for CEC are SimpLink (LG) , Anynet+ (Samsung), BRAVIA Sync (Sony), EasyLink (Philips), etc.

What is SIMPLINK?



Some functions of this unit are controlled by the TV's remote control when this unit and LG TV's with SIMPLINK are connected through HDMI connection.

Controllable functions by LG TV's remote control : Power on/off, volume up/down, etc.

Refer to the TV owner's manual for the details of SIMPLINK function.

LG TV's with SIMPLINK function has the logo as shown above.

! Note

- Depending on the state of the unit, some SIMPLINK operation may differ from your purpose or not work.
- Depending on a TV or a player which is connected with this unit, SIMPLINK operation may differ from your purpose.

ARC (Audio Return Channel) function

The ARC function enables an HDMI capable TV to send the audio stream to HDMI OUT of the unit.

To use this function :

- Your TV must support the HDMI-CEC and ARC function and the HDMI-CEC and ARC must be set to On.
- The setting method of HDMI-CEC and ARC may differ depending on the TV. For details about ARC function, refer to your TV manual.
- You must use the HDMI cable (Type A, High Speed HDMI™ cable with Ethernet).
- You must connect the HDMI OUT on the unit with HDMI IN of the TV that supports ARC function using an HDMI cable.
- You can connect only one Sound bar to TV compatible with ARC.

! Note

- ARC function is automatically selected when ARC signal comes in from TV, no matter what kind of the function you are using.
- You can enjoy the TV audio through the speakers of this unit. In the case of some TV models, you must select the external speaker option from the TV menu. (For details, reference your TV user manual.)
- Set up the sound output of TV to listen to the sound through this unit :
TV setting menu → [Sound] → [TV Sound output] → [External speaker (HDMI ARC)]
- Details of TV setting menu vary depending on the manufacturers or models of your TV.

Additional information for HDMI

- When you connect an HDMI or DVI compatible device make sure of the following:
 - Try switching off the HDMI/DVI device and this player. Next, switch on the HDMI/DVI device and leave it for around 30 seconds, then switch on this player.
 - The connected device's video input is set correctly for this unit.
 - The connected device is compatible with 720 x 576p, 1280 x 720p, 1920 x 1080i or 1920 x 1080p video input.
- Not all HDCP-compatible HDMI or DVI devices will work with this player.
 - The picture will not be displayed properly with non-HDCP device.

! Note

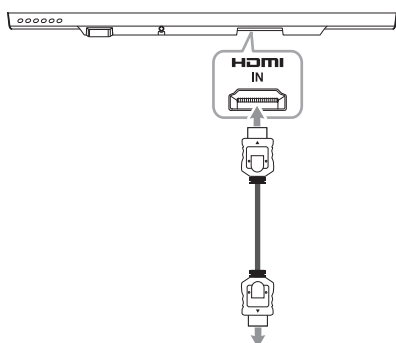
- If a connected HDMI device does not accept the audio output of the player, the HDMI device's audio sound may be distorted or may not output.
- Changing the resolution when the connection has already been established may result in malfunctions. To solve the problem, turn off the player and then turn it on again.
- When the HDMI connection with HDCP is not verified, TV screen is changed to black screen. In this case, check the HDMI connection, or disconnect the HDMI cable.
- If there are noises or lines on the screen, please check the HDMI cable (length is generally limited to 4.5 m(15 ft).
- You cannot change the video resolution in the HDMI IN mode. Change the video resolution of the connected component.
- If the video output signal is abnormal when your personal computer is connected to HDMI IN jack, change the resolution of your personal computer to 576p, 720p, 1080i or 1080p.

Optional equipment connection

HDMI connection

For enjoying sound only

You can enjoy the sound from the external device you connect.

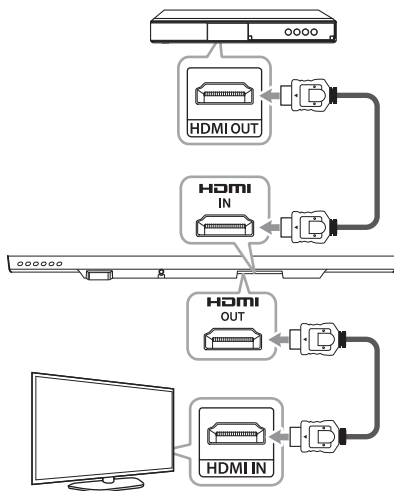


To the Blu-ray disc player,
DVD player, etc.

1. Connect HDMI IN jack on the back of the unit to HDMI OUT jack on the audio device such as Blu-ray disc player, DVD player, etc.
2. Set the input source to HDMI IN. Press repeatedly **FUNC** on the remote control or **F** on the unit until the function is selected.

For enjoying both sound and picture

You can enjoy both sound and picture from the external device you connect.

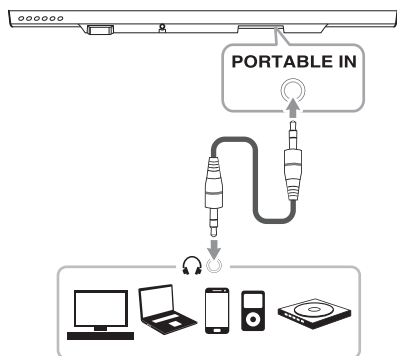


1. Connect HDMI IN jack on the back of the unit to HDMI OUT jack on the external device such as Blu-ray disc player, DVD player, etc.
2. Connect HDMI OUT jack on the back of the unit to HDMI IN jack on the TV.
3. Set the input source to HDMI IN. Press repeatedly **FUNC** on the remote control or **F** on the unit until the function is selected.

! Note


- With the unit connected to external devices and TV as above illustration, TV will output picture and sound from external devices when the unit is turned off in HDMI IN mode.
- HDMI OUT jack is for TV connection. Even though PCM multi channel is inputted to the unit through an HDMI cable, the unit can only output 2 channel to TV.
- Audio sources without any transformation pass through this unit when this unit is turned off.

PORT. (Portable) IN connection



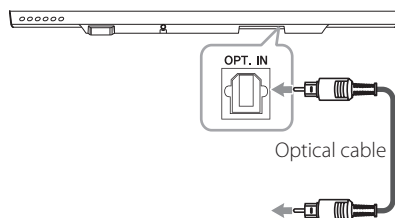
Listening to music from your portable player

The unit can be used to play the music from many types of portable players or external devices.

1. Connect the portable player to the PORTABLE IN connector of the unit.
2. Turn the power on by pressing  (Power).
3. Select the PORTABLE function by pressing **FUNC** on the remote control or **F** on the unit until the function is selected.
4. Turn on the portable player or external device and start playing it.

OPTICAL IN connection

Connect an optical output jack of external devices to the OPT. IN jack.



1. Connect the OPT. IN jack on the back of the unit to optical out jack of your TV (or digital device etc.)
2. Select the input source to OPTICAL by pressing **FUNC** on the remote control or **F** on the unit until the function is selected.
To directly select the OPTICAL function, press **OPTICAL** on the remote control.
3. Listen to sound from the connected device.
4. Press **OPTICAL** to exit from OPTICAL. Function is returned to previous one.

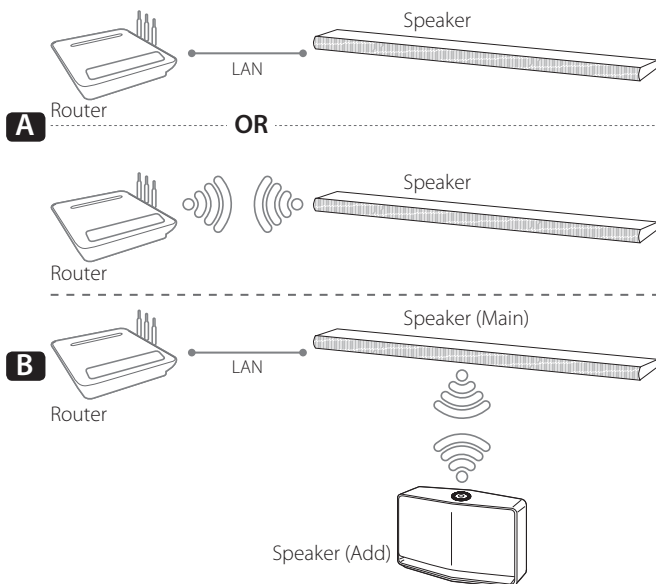
Understanding Network Connection

Basic Connection

A Wired or Wi-Fi connection to router.

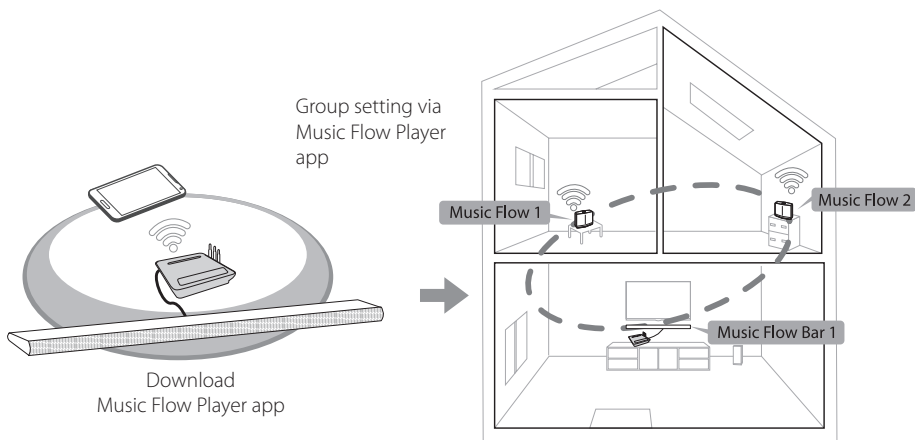
B Wired and wireless connection.

You can use multiple speakers in a multi-room configuration.



Group playback using Music Flow Player app

You can use multiple speakers in a multi-room configuration. (page 40)



Installing “Music Flow Player” App

Through “iTunes store” or “Google Play Store”

1. Tap the “iTunes store” icon or “Google Play Store” icon.
2. Type in “Music Flow Player” in the search bar and tap “Search”.
3. Select “Music Flow Player” in the search result list to download.

! Note

- Music Flow Player app will be available in version of the software as follow;
Android OS : Ver 2.3.3 (or later)
iOS O/S : Ver 5.1.1 (or later)
- Depending on the device, “Music Flow Player” app may not work.

Through QR code

Install “Music Flow Player” app through QR code.
Scan the QR code using the scanning application.



(Android OS)



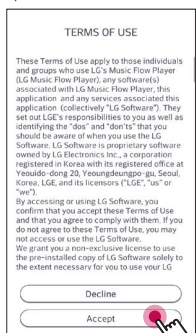
(Apple iOS)

! Note

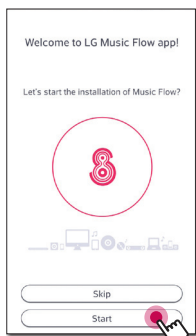
- Make sure that your smart device is connected to the internet.
- Make sure that your smart device has a scanning application. If you don't have, download it from “iTunes store” or “Google Play Store”.

Starting with Music Flow Player app

1. When you launch Music Flow Player app for the first time, the terms of use appears on the screen. Check the contents of terms of use and select [Accept].



2. Select [Start] to install the speaker you've purchased.



Refer to "Connecting the speaker to your Home Network" on page 23.

! Note

If you want to return to the terms of use screen, initialize the Music Flow Player app on the smart device's setting menu.

Connecting the speaker to your Home Network

Using a wired network provides the best performance, because the attached devices connect directly to the network without radio frequency interference.

Please refer to the documentation for your network device for further instructions.

Preparation

- Make sure that wireless network environment using a router is installed at your home.
- Make sure that the speaker and the smart device are connected to the same router.

Requirements

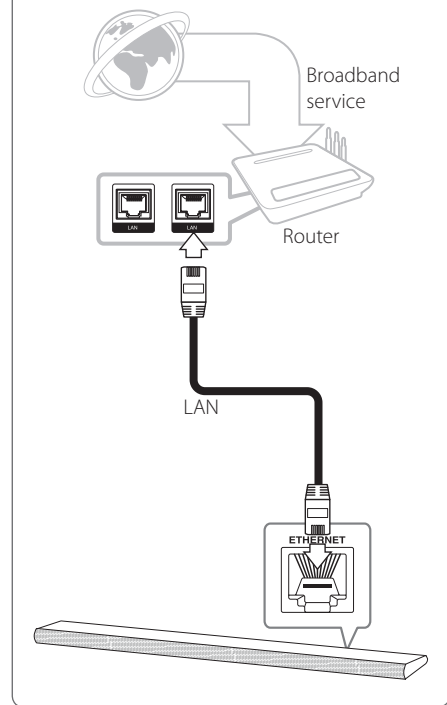
- Wireless router
- Smart device (Android or iOS)



! Note

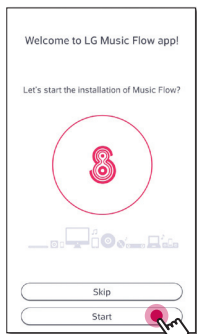
- Make sure that DHCP's server is activated on wireless router.
- If you cannot connect the speaker with your router, go to setting of the router and then make sure that "Allow wireless client to see each other and access my local network" box is unchecked.

Connecting the speaker to your network with a LAN cable

Connection overview



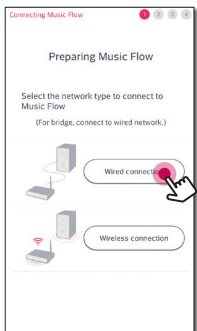
1. Turn on the unit by using  on the remote control or  on the unit. The LED indicator starts to blink in white.
2. On your smart device, launch Music Flow Player app. Select [Start] to install the speaker.



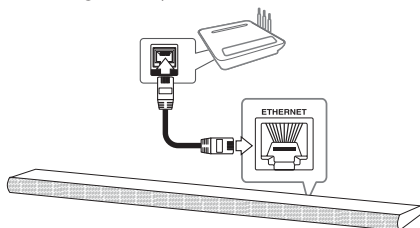
3. Check the LED indicator on the unit and select [Next] to go to the next step.



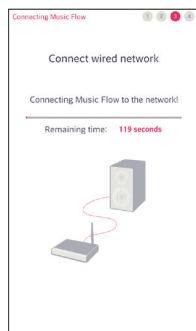
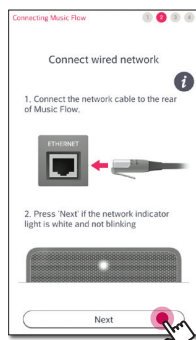
4. Select [Wired connection] on the screen.



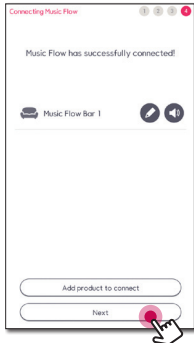
5. Connect one end of the LAN cable to the speaker's ETHERNET port and connect the other end to your wireless router. Wait a moment until the LED indicator stops blinking and stays white.



6. Then select [Next] on the screen.



7. Select [Next] to complete the connection.

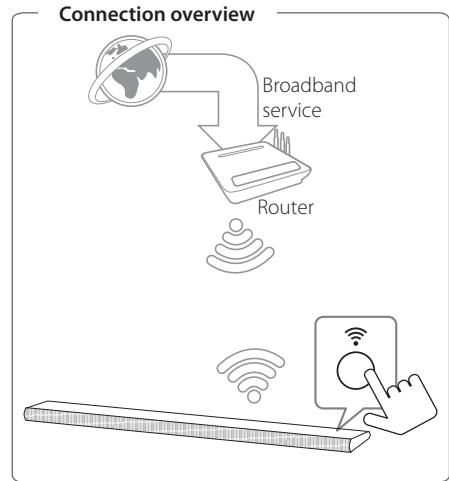




After connecting the speaker, you can see the list of connected music storage device and music curation screen. Follow the instructions on the screen.

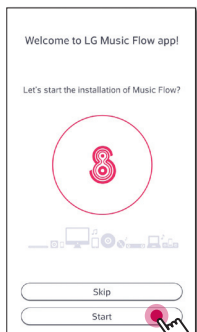
! Note

- You cannot use the speaker without a router. When using the wired router, you can control the speaker with Music Flow PC Software. (page 53)
- The speaker and the smart device should be connected to the same router.

Connecting the speaker to your Network via the Wi-Fi Setup Method (Android)



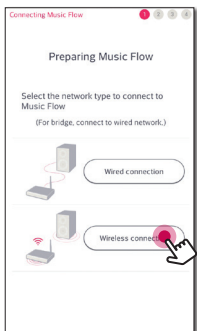
1. Turn on the unit by using  on the remote control or  on the unit. The LED indicator starts to blink in white.
2. On your smart device, launch Music Flow Player app. Select [Start] to install the speaker.



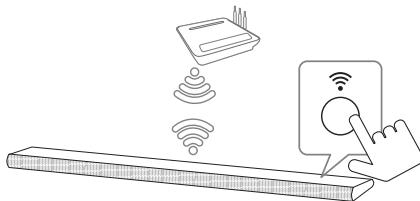
3. Check the LED indicator on the unit and select [Next] to go to the next step.



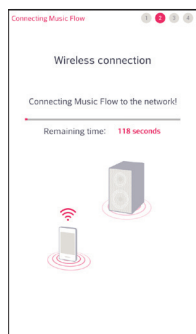
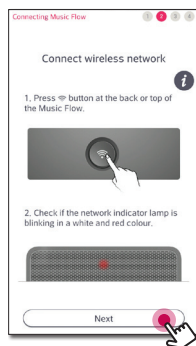
4. Select [Wireless connection] on the screen.



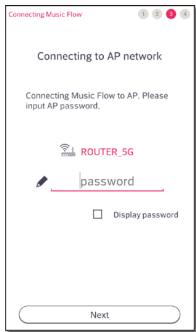
5. Press the  button on the unit. Then the LED indicator blinks in white and red alternately.



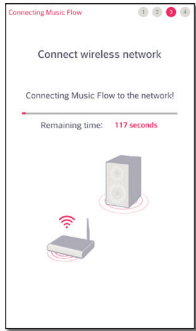
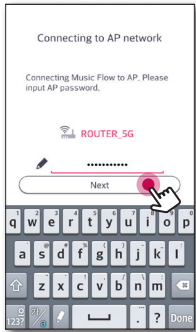
6. Then select [Next] on the screen.



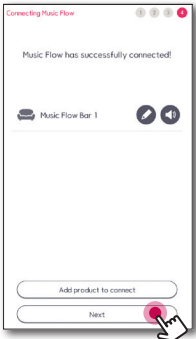
7. If you have a password for your network, the security screen appears on your smart device. Enter your password.



8. Then select [Next] on the screen.



9. Select [Next] to complete the connection.



After connecting the speaker, you can see the list of connected music storage device and music curation screen. Follow the instructions on the screen.

Note

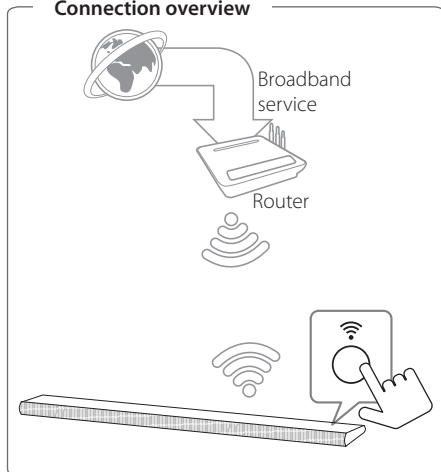
If the speaker fails to connect to your network or its network connection operates abnormally, place the speaker closer to your router and try again.

Connecting the speaker to your Network via the Wi-Fi Setup Method (iOS)

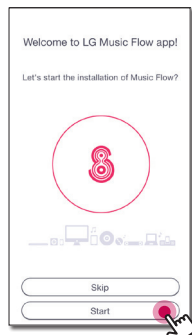
2

Connecting

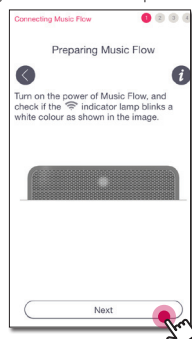
Connection overview



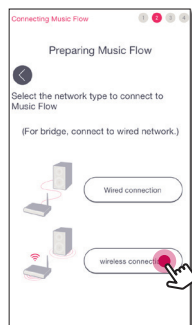
1. Turn on the unit by using on the remote control or on the unit. The LED indicator starts to blink in white.
2. On your smart device, launch Music Flow Player app. Select [Start] to install the speaker.



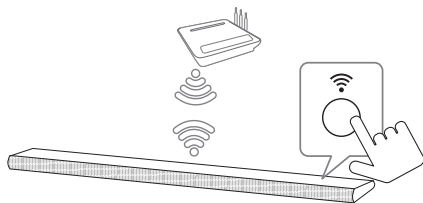
3. Check the LED indicator on the unit and select [Next] to go to the next step.



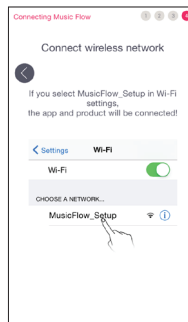
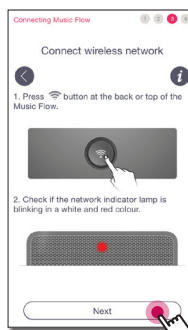
4. Select [Wireless connection] on the screen.



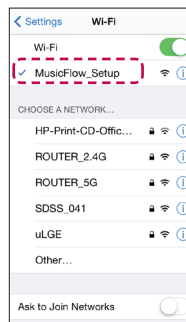
5. Press the  button on the unit. Then the LED indicator blinks in white and red alternately.



6. Then select [Next] on the screen.



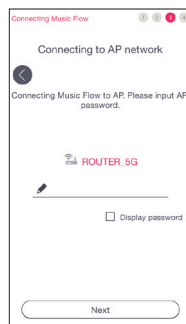
7. On your iOS device, go to iOS setting -> Wi-Fi setting and select "MusicFlow_Setup" to connect.



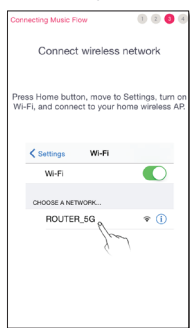
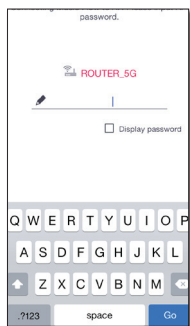
Note

- If "MusicFlow_Setup" is not on the list, scan for available Wi-Fi networks again.
- When your smart device is connected to "MusicFlow_Setup", you cannot use the internet.

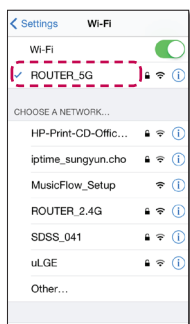
8. Once the network connection is completed, return to the Music Flow Player app.



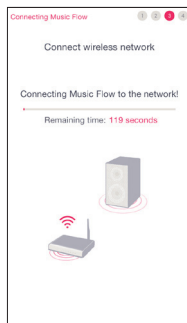
9. If you have a password for your network, the security screen appears on your smart device. Enter your password.



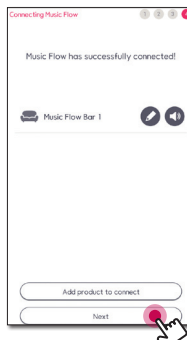
10. On your iOS device, go to iOS setting -> Wi-Fi setting and select wireless router to connect.



11. Once the network connection is completed, return to the Music Flow Player app.



12. Select [Next] to complete the connection.



After connecting the speaker, you can see the list of connected music storage device and music curation screen. Follow the instructions on the screen.

! Note

If the speaker fails to connect to your network or its network connection operates abnormally, place the speaker closer to your router and try again.

Notes on Network Connection

- Many network connection problems during set up can often be fixed by re-setting the router. After connecting the speaker to the home network, quickly power off and/or disconnect the power cable of the home network router or cable modem. Then power on and/or connect the power cable again.
- Our company is not responsible for any malfunction of the speaker and/or the internet connection feature due to communication errors/malfunctions associated with your broadband internet connection or other connected equipment.
- The wireless network operate at 2.4 GHz radio frequencies that are also used by other household devices such as cordless telephone, Bluetooth® devices, microwave oven, and can be affected by interference from them.
- Turn off all unused network equipment in your local home network. Some devices may generate network traffic.
- If the speaker fails to connect to your network or its network connection operates abnormally, place the speaker closer to your router and try again.
- Depending on your home network environment and the performance of wireless router, it may not work well to connect the speaker to your wireless router.
- You cannot connect the speaker to wireless router which has hidden SSID.
- The connection you've made may be disconnected if you select other application or change the setting of the connected speaker via "Music Flow Player" app. In such a case, please check the connection status.
- Even After connection of Music Flow Player app, music may be output from your smart device. In this case, select the connected speaker on the playback screen.
- Depending on the speed of your network, playback of online contents may not work well.
- Wireless signal interference may lead to disconnection of network or stopping playback.
- You need to turn the speaker's power off and on again if you restart the router.
- You need to perform a factory set and setup the network connection for speaker, if you install new router.

Connecting the speakers to your Home Network (Additional)

You can enjoy the music with multiple speakers and single smart device you have.

Requirements

- Wireless router
- Smart device (Android or iOS)
- Another speaker

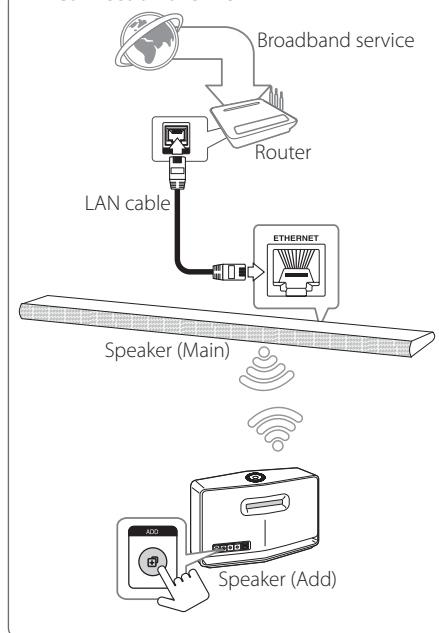


Note

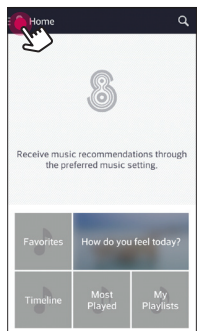
Signal interference may lead to stop playback.

Adding another speaker

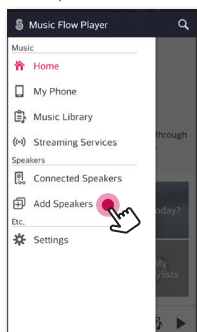
Connection overview



1. Connect the speaker (Main) to your network.
Refer to "Connecting the speaker to your home network" on page 23.
2. On your smart device, select the Music Flow Player app. Tap the [Home] menu.

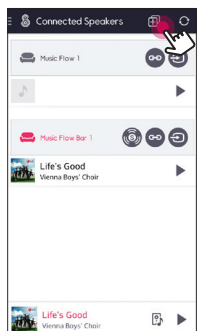


3. Select the [Add Speakers] on the side menu.

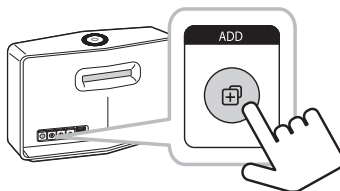


! Note

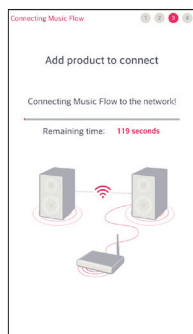
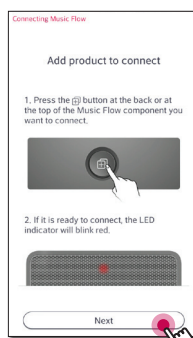
You can also add another speaker as below.



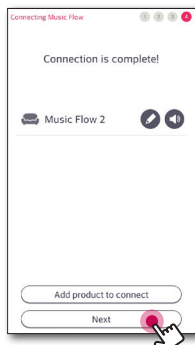
4. Press the **ADD** button on the rear of the speaker (Add). Then Network status LED blinks red.



5. Then select the [Next] on the screen.



6. Select [Next] to complete the connection.



Note

Speakers may be not connected if the distance between the Sound Bar (Main) connected by LAN cable and the speaker (Add) to be connected is too far.

Enjoying the Music with Music Flow Player app

With Music Flow Player app, you can play music in your smart device.

Note

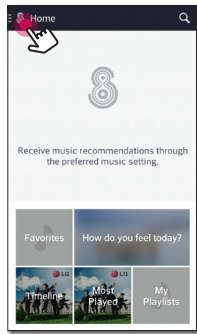
- For more detailed instruction about Music Flow Player app, switch on the [User Guide] in [Settings] > [General] on the side menu.
- Some of the content in this part may differ from Music Flow Player app depending on the application's version.

Preparation

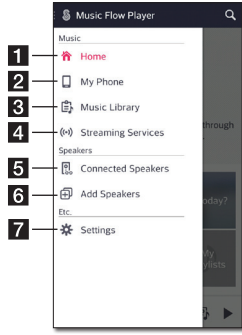
1. Check the network connection with the speaker. (page 23)
2. To use the speaker, you must download and install the Music Flow Player app. (page 21)

Overview of the side menu

1. Launch Music Flow Player app on your smart device. The [Home] appears.
2. Tap the [Home] menu.



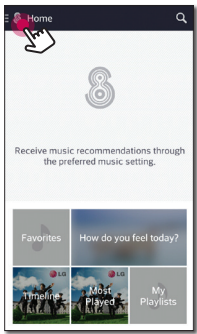
3. Side menu appears.



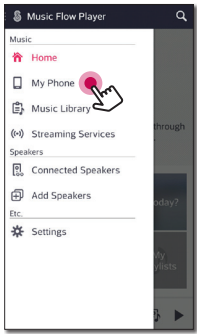
- 1 Home** – Displays the Home menu.
- 2 My Phone** – Displays the songs on this smart device.
- 3 Music Library** – Displays the songs on the connected devices (Media server).
- 4 Streaming Services** – Displays the online services. You can enjoy the online radio and music.
- 5 Connected Speakers** – Displays the connected speaker.
- 6 Add Speakers** – Goes to the speaker installation screen.
- 7 Settings** – Displays the settings menu.

Playing a song

1. Launch Music Flow Player app on your smart device. The [Home] appears.
2. Tap the [Home] menu.



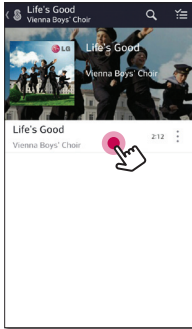
3. Side menu appears.
Select the [My Phone] on the side menu.



4. Select the desired album.

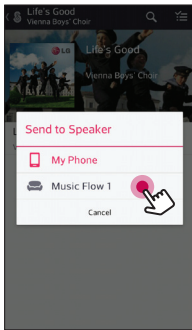


5. Select the desired song. Then selected song is displayed and played.



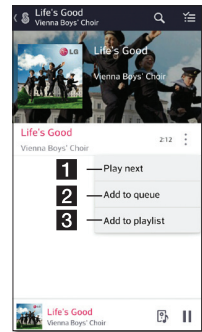
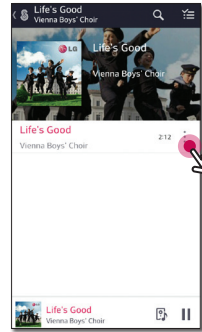
! Note

If the speaker is not selected, the selecting speaker pop-up appears. Select a desired speaker.



Managing a playlist

On an album screen, tap the [:] of the desired song. The pull down menu appears.



1 Play next – Selects music to play next.

2 Add to queue – Adds to queue list.

3 Add to playlist – Adds to a desired playlist.

! Note

Depending on your wireless environment, playing a song with the speaker may not work smoothly.

Overview of Playback

You can confirm and adjust various information on the playback screen.



1 Displays the speaker that music plays through.

Displays current playing music.

- 🔄 - Repeats the desired contents. Every time you click it, the state changed in the (Repeat One) - (Repeat All) - (Repeat Off) order.

2

- 🔀 - Shuffles the music on the list. Music will be played in random order.

Adjusts playback.

3

- 🔊 - Adjusts the volume.
- ⏸ - Pauses playback.
- ⏮/⏭ - Skips fast backward or forward.
- ⚙ - Adjusts the sound effect.

Tap the ⚙, various option appears.

4

- ♥ - Saves the music to the [Favorites]. You can find [Favorites] on [Home] tab
- ⊕ - Adds music to [My Playlist].
- 📶 - Shares on the social network services.
- ★ - Searches for more music that is similar to the music being played.

5

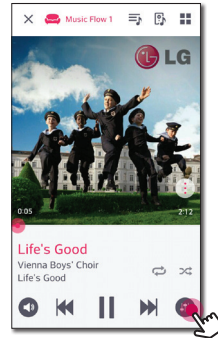
- 📁 - Edits the current playlist.
- 🔊 - Selects a speaker to play.
- ⚙ - Displays music menu.

Selecting Sound effect

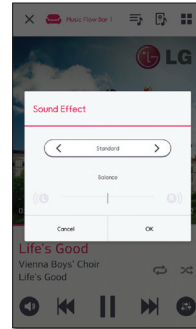
This speaker has a number of pre-set surround sound fields. You can select a desired sound mode by tapping [⚙].

The displayed items for the equalizer may be different depending on sound sources and effects.

- During playback, tap the [⚙] as below.



- Tap the < or >.



You can select the various sound effects.

Sound Effect	Description
Standard	You can enjoy optimized sound.
Music	You can enjoy comfortable and natural sound.
Cinema	You can enjoy more immersive and cinematic surround sound.
Flat	Provides balanced sound.
Boost	Boosts the mid-range for sound reinforcement.
Treble / Bass	Reinforces the treble and bass.

! Note

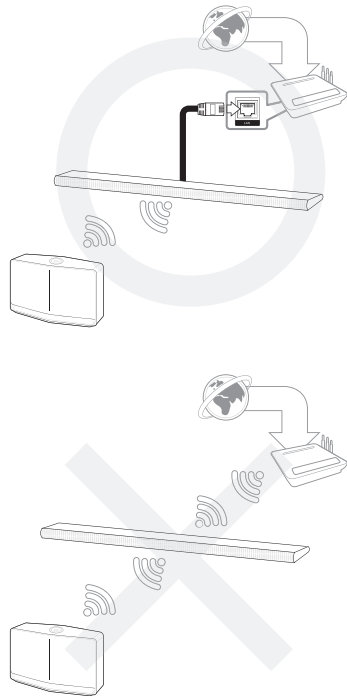
- When you play the songs with smart device's speaker, the sound equalizer is not supported.
- You can also select a desired sound mode by using **SOUND EFFECT** on the remote control.
- In some of surround modes, some speakers, there's no sound or low sound. It depends on the mode of surround and the source of audio, it is not defective.
- You may need to reset the surround mode, after switching the input, sometimes even after the sound file changed.

Different ways of listening to music

There are a number of differing ways of listening to music : Group, Surround and Seamless playbacks.

! Note

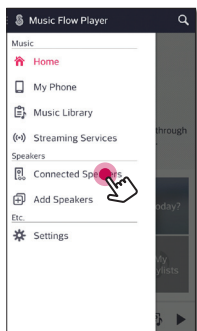
If you want to enjoy the group playback and Surround playback, at least one speaker should be connected by LAN cable. If the speakers are connected only wirelessly, disconnect all the wireless connections and reconnect them after connecting one wired.



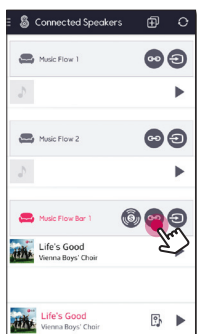
Group Playback

You can group multiple speakers linked to the Music Flow Player app and play the same music through all the connected speakers in the same group.

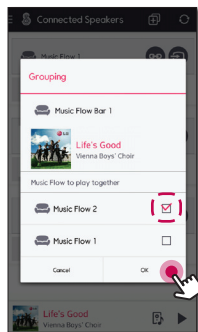
1. Select [Connected Speakers] on the side menu of Music Flow Player app.



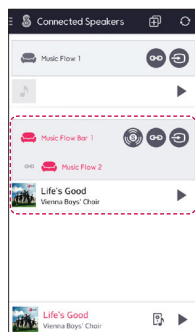
2. Connected speakers appear. Select the [] on the speaker desired song plays through.



3. Grouping option appears. Tap the checkbox to select the speaker you want to play with. Then select [OK].



4. The speakers is ready to group playback.



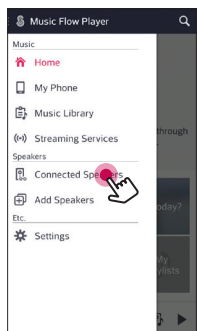
! Note


- If the speakers are not grouped, you can enjoy different music on each speaker.
- It is recommended to connect less than 5 devices for the smooth playback.
- The weak signal because of the long distance between speakers or wireless router and signal interference may cause abnormal playback.
- Depending on your wireless environment, the grouping may be broken.
- For smooth group playback, it is recommended to select the speaker connected by LAN cable as a master speaker. If you set the master speaker connected wirelessly, placed closer from the speaker connected wired.

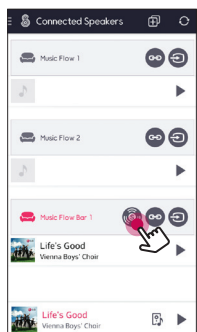
Surround playback

You can enjoy surround sound by adding another two speakers.

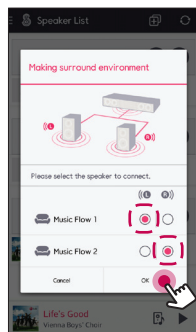
1. Select [Connected Speakers] on the side menu of Music Flow Player app.



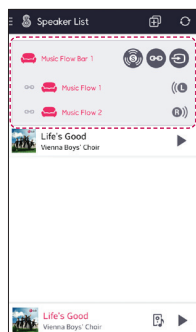
2. Connected speakers appear. Select the  on the speaker.



3. Surround environment option appears. Select the left and right speakers by tapping connected speakers. Then select [OK].



4. The speakers are ready to surround playback.



! Note

- It is recommended to set the surround speakers to same models.
- The weak signal because of the long distance between speakers or wireless router and signal interference may cause abnormal playback.
- Depending on your wireless environment, the grouping may be broken.
- For smooth playback, it is recommended to select the speaker connected by LAN cable as a master speaker. If you set the master speaker connected wirelessly, placed closer from the speaker connected wired.

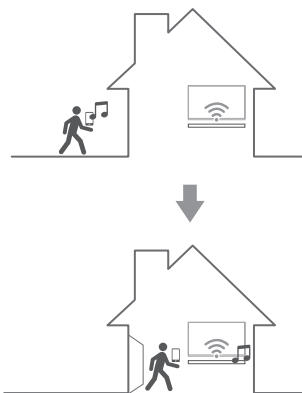
Seamless playback

You can easily change the playing speaker from your smart device or the speaker to the another speaker without pause.

! Note

- It is not supported when you go out of the house with your smart device.
- Wi-Fi function on smart device must be turned on.
- If the source is Portable In and Bluetooth, seamless play is not supported. (Media server and online streaming service are supported).
- In case of the online streaming service, the music you are listening to is played from the beginning.
- On seamless play, each speaker keeps its existing volume value. If no sound coming out from the speaker during playback, check the switched speaker's volume is set to 0.

Changing playing speaker from a smart device to a speaker

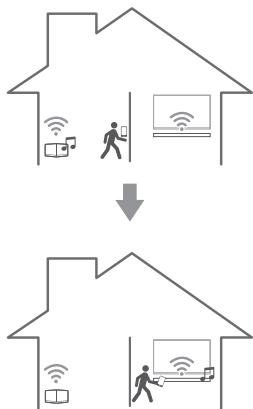


1. If the smart device playing music is carried from outside to a room where the connected speaker is in, the pop-up window on the smart device will appear to ask you which speaker you want to play music through.
2. Select the speaker on the pop-up list, the music you are listening to is played through without a pause.

! Note

- Pop-up window disappears automatically in below cases,
 - When you select the speaker on pop-up list.
 - 10 seconds later after pop-up window appears. (Android Only)
- The latest connection is placed at the top of the list on the pop-up window.

Changing the active speaker to a different speaker without a pause



You can change the playing speaker to the another speaker which is in the room you are in now using NFC tagging.

! Note

- The remote control of this speaker is designed to attach LG Tag On sticker. Refer to the page 7.
- Music Flow Player app should be displayed on the smart device's screen.
- In case of the grouped speakers, all the speakers in the group are played when master speaker in the group is NFC tagged.
- In case of the grouped speakers, only the tagged speaker in the group is played when the other speaker in the group is NFC tagged.
- Only Android device is available.

Setting the Speaker with Music Flow Player app

With Music Flow Player app, you can set the connected speaker in your smart device.

! Note

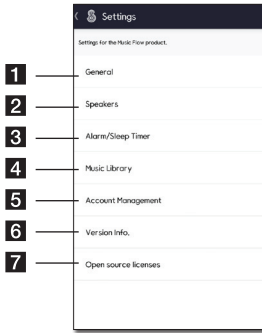
- For more detailed instruction about Music Flow Player app, switch on the [User Guide] in [Settings] > [General] on the side menu.
- Some of the content in this part may differ from Music Flow Player app depending on the application's version.

Preparation

1. Check the network connection with the speaker. (page 23)
2. To use the speaker, you must download and install the Music Flow Player app. (page 21)

Overview of setting menu

1. Launch Music Flow Player app on your smart device.
2. Select [Settings] on the side menu.



1 General – Sets for easier use of the speaker.

2 Speakers – Sets connected speaker.

3 Alarms/Sleep Timer – Wakes on and off the speaker at a designated time.

4 Music Library – Manages the music library Library.

5 Account Management – Manages social networking service and streaming services.

6 Version Info. – Updates the speaker to the latest version.

7 Open source licenses – Shows LGE Open Source Software Notice.

[General] Menu

Sets for easier use of the speaker.

Lock Screen Setting (Android only)

This function allows you to display the Music Flow Player on the lock screen. (Lock screen setting is [ON] by default.)

User Guide

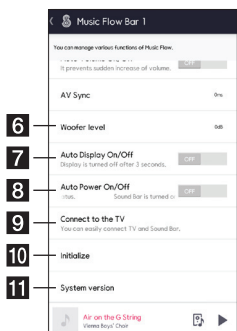
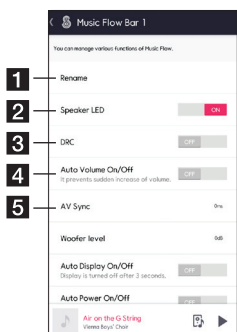
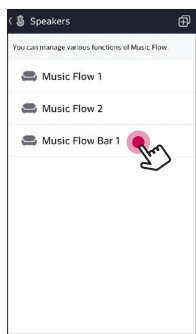
This function allows you to display or delete the guide on the menu.

Music Curation

Goes to the music curation.

[Speakers] Menu

You can adjust speakers connected to your network.



- 1 Rename** – Renames the speaker.
- 2 Speaker LED** – Turns on or off speaker's LED indicator. (LED Indicator is [ON] by default.)
- 3 DRC** – Turns on or off DRC function. (Page 50)
- 4 Auto Volume On/Off** – Turns on or off Auto Volume function. (Page 52)
- 5 AV Sync** – Adjust the audio and video Synchronization. (Page 50)
- 6 Woofer level** – Adjust Woofer level. (Page 52)
- 7 Auto Display On/Off** – Turns on or off Auto Display function.
- 8 Auto Power On/Off** – Turns on or off Auto Power function. (Page 51)
- 9 Connect to the TV** – Guide you to connect to your TV. (through Optical (page 14) or HDMI (page 15))
- 10 Initialize** – Resets the speaker.
- 11 System version** – Displays the current system version.


[Alarms/Sleep Timer] Menu

Turns on and off the speaker at a designated time.

Alarms

Speaker will let you know when it is time.

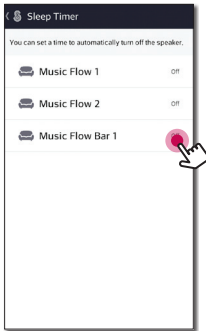
 Deletes selected alarm.

 Adds new alarm.

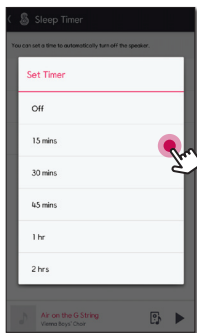
Sleep Timer

Sets a time to automatically turn off the speaker.

1. Select the speaker to set timer on [Sleep Timer] in the [Alarms/Sleep Timer] menu.



2. Set the desired timer on selected speaker.



[Music Library] Menu

Manages the music library index.

Sync Schedule

You can set the time to update the Music index automatically. Select the days and time to perform the update. (Sync Schedule is [OFF] by default.)

Sync

Manages the music library index.

1. Select the desired server and click the checkbox.



2. Tap the [Update] to update the desired server.

[Account management] Menu

Manages various social networking service and online streaming service.

Note

In case of Music Flow Player app for iOS, social networking service is supported with iOS 6.0 or later.

[Update] Menu

Updates the speaker to the latest version.

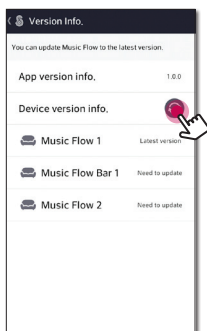
App version info.

Displays the current application's version.

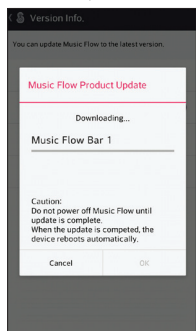
Device version info.

Updates the latest speaker's firmware version.

1. Find the speakers need to update and tap the [🔄].

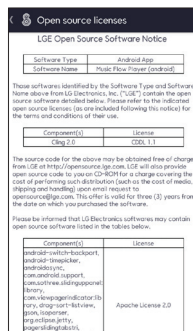


2. Starts the software update.



[Open source licenses] Menu

Shows LGE Open Source Software Notice.



Using a 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 : Android device, iOS device

Bluetooth profiles

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

A2DP (Advanced Audio Distribution Profile)

Listening to Music of a Bluetooth Device

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

1. Select the Bluetooth function by using **FUNC** on the remote control or **F** on the unit until the function is selected.
Appears "BT" and then "BT READY" in display window.
2. Operate the Bluetooth device and perform the pairing operation. When searching for this speaker on your Bluetooth device, a list of the devices found may appear in the Bluetooth device display depending on the type of Bluetooth device. Your speaker appears as "Music Flow HS6 (XX:XX)".
3. Select the "Music Flow HS6 (XX:XX)".

Note

- XX:XX means the last four digits of Bluetooth address. For example, if your unit has a Bluetooth address such as 9C:02:98:4A:**F7:08**, you will see "Music Flow HS6 (**F7:08**)" 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, "PAIRED" will appear on the display window.
5. Listen to music.
To play music in your Bluetooth device, refer to your Bluetooth device's user guide.
According to your Bluetooth device's volume level, the volume level of Bluetooth will be adjusted.

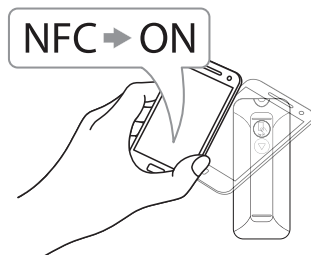
! Note

- 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 it may not work well in the case below :
 - There is a 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.
- This unit supports Bluetooth auto pairing. However it does not operate in the case below:
 - When you restart this unit.
 - When you disconnect this unit by yourself.
 - When you disconnect this unit on the connected Bluetooth device.
- The sound may be interrupted when the connection interfered by the other electronic wave.
- You cannot 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 wireless system using phone, MP3, 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 far from the unit.
- When Bluetooth connection is disconnected, connect the bluetooth device to the unit again.
- When not connected the Bluetooth, "BT READY" appears on the display window.

NFC for Easy Pairing (Android Only)

You can connect NFC-enabled android devices to the speaker with Bluetooth function.

1. Activate the NFC feature on your NFC-enabled android device.
2. Turn on the speaker by using  on the remote control or  on the speaker.
3. Tag the back of your NFC-enabled smart device over the  mark on the remote control.



4. Select the desired track from your smart device's music list and the track you selected is played.

! Note

- NFC feature is not supported with iOS.
- The NFC feature is built into Android devices running Android OS 4.1.2 or later.
- You must activate the NFC feature on your NFC-enabled smart device (Android).
- Depending on the NFC-enabled android device's manufacturers and brands, NFC feature may not work.
- If your NFC-enabled device's screen is locked, it cannot read the NFC.
- If your device's case is plated with chrome, NFC is unavailable. Depending on your case's material or thickness, NFC may not be read well.
- When you are enjoying the music with Music Flow Player app, seamless playback is activated instead of Bluetooth pairing.

Other operations

DRC (Dynamic Range Control)

Make the sound clear when the volume is turned down (Dolby Digital only). Set to [DRC ON] by using **DRC**.

AV Sync

When receiving audio signals from TV, sound and images may not be matched. In the case, this function can adjust the delay time.

1. Press **AV SYNC**.
2. Use **◀◀/▶▶** to scroll up and down through the delay amount, which you can set at anything between 0 and 300 ms.

Turn off the sound temporarily

Press **⏸** (Mute) to mute your unit.

You can mute your unit, for example, to answer the telephone, "MUTE" is displayed in the display window.

To cancel it, press **⏸** (Mute) again on the remote control or change the volume level.

Displaying input source information

You can display various information of the input source by pressing **INFO**.

OPTICAL/HDMI IN/PORTABLE : Audio format, Audio channel

Sleep timer setting

This unit will turn off by itself after the time set.

Press **SLEEP** one or more times to select delay time between 10 and 180 minutes.

To check the remaining time, press **SLEEP**.

To cancel the sleep function, press **SLEEP** repeatedly until "SLEEP 10" appears, and then press **SLEEP** once again while "SLEEP 10" is displayed.

Note

You can check the remaining time before the unit turns off. Press **SLEEP** the remaining time appears in the display window.

Auto power down

This unit will be off itself to save electric consumption in the case main unit is not connected to external device and is not used for 20 minutes.

So does this unit after six hours since Main unit has been connected to other device using analog input.

Using your TV remote control

You can control some functions of this unit by your TV remote control even by other company's product.

Controllable functions are volume up/down and mute.

Press and hold **INFO** on the remote control for about 3 seconds. "ON - TV REMOTE" appears and you can control this unit by your TV remote control.

To check the status of this function, press and hold **INFO**.

To turn off this function, press and hold **INFO** and press it once again while "ON - TV REMOTE" is scrolled.

! Note

- Supported TV brands

LG	Panasonic	Philips	Samsung
Sharp	Sony	Toshiba	Vizio

- Make sure that the sound output of your TV is set to [External speaker].
- Depending on the remote control, this function may not work well.
- This function may not work well when some TV control functions such as CEC, SIMPLINK and LG Sound Sync set to ON.

AUTO POWER On/Off

This unit automatically turns on and off by an input source : Optical.

When you turn on your TV or an external device connected to this unit, this unit recognizes the input signal and selects the optical function. You can hear the sound from your device.

This function turns on or off each time you press **AUTO POWER**.

! Note

- After the unit is turned on by AUTO POWER function, it will be automatically turned off if there is no signal for a certain period of time from the TV connected by LG Sound Sync (Optical).
- After the unit is turned on by AUTO POWER function, it will be automatically turned off if there is no signal for a certain period of time from the external device.
- If you turned off the unit directly, it cannot be turned on automatically by AUTO POWER function. However the unit can be turned on by AUTO POWER function when optical signal comes in after 5 seconds of no signal.
- Depending on the connected device, this function may not operate.
- If you want to use AUTO POWER, SIMPLINK must be turned off. It takes for about 30 seconds to switch on or off SIMPLINK.

Sound adjustment

Adjust volume level automatically

This unit supports Auto volume function that automatically adjusts the volume level.

When the output sound is too loud or too low, press **AUTO VOL** on the remote control. So you can enjoy the sound with appropriate levels.

To cancel this function, press the button again while "ON" is displayed.

Adjust the woofer level settings

You can adjust the sound level of woofer from - 40 dB to 6 dB.

1. Press **WOOFER LEVEL**.
2. Press **VOL +/—** to adjust the sound level of the woofer.

Using Media Server for PC

Media server Software allows users to access audio files stored in media server and enjoy them on this speaker via home networking.

Before connecting to PC to play a file, Media server Software should be installed on your PC.



Note

Make sure that wireless network environment using a router is installed at your home.

- **Windows : Music Flow PC Software**
- **Mac OS : Nero MediaHome 4 Essentials**

Music Flow PC Software for windows

About Music Flow PC Software

Music Flow PC Software makes you enjoy the audio files stored on your media server (PC) via the speaker.

Downloading Music Flow PC Software

1. Start up your computer, visit <http://www.lg.com>. If necessary, select your region.
2. Click support tab.
3. Fill your model name on the cover of owner's manual in search bar.
4. Find and download the "Music Flow PC Software" file.

Installing Music Flow PC Software

1. Before installation, close all running programs including firewall and Anti-Virus programs.
2. Unzip and double-click "Setup.exe" to install Music Flow PC Software. The installation is prepared and the installation wizard appears.
3. Follow the directions of the installation wizard displayed on the screen.
4. Click the [Exit] button to complete the installation.



Note

- Music Flow PC Software is not supported with Mac OS. In case of Mac OS, you can use the Nero MediaHome.
- The Music Flow PC Software is a customized software edition only for sharing files and folders to this speaker.
- If you want a full explanation about Music Flow PC Software, click the question marked icon on home menu.

System requirements (Windows PC)

- CPU : Intel® 2.0 GHz or AMD Sempron™ 2000+ processors
- Memory : 1 GB of free RAM
- Graphics card : 64 MB video memory, minimum resolution of 1024 x 768 pixels, and 16 bit color settings
- Free Disk Space : 200 MB
- Windows® XP (Service Pack 2 or higher), Windows Vista®, Windows® 7, Windows® 8.0, Windows® 8.1
- Windows® Media Player® 11.0 or higher
- Network environment: 100 MB Ethernet, WLAN

Sharing music files

On your computer, you must share the folder contained music files to play them on this speaker. This parts explains the procedure for selecting the shared folders on your computer.

1. Double-click the "Music Flow PC Software" icon.
2. Click [✖] icon in the upper-right-hand corner of the screen. The setting menu appears.
3. On the setting menu, click [📁] icon on the left to go to the sharing file menu.
4. On the sharing file menu, Click [📁] icon to open the [Browse Folder] window.
5. Select the folder containing the files you want to share. The selected folder is added to the list of shared folders.

Nero MediaHome 4 Essentials for Mac OS

About Nero MediaHome Essentials

Nero MediaHome 4 Essentials is a software for sharing video, audio and photo files stored on your computer to this speaker as a digital media server.

Downloading Nero MediaHome Essentials

1. Start up your computer, visit <http://www.lg.com>. If necessary, select your region.
2. Click support tab.
3. Fill your model name on the cover of owner's manual in search bar.
4. Find and download the "Nero MediaHome 4 Essentials" file.

! Note

The Nero MediaHome Essentials software (for Mac OS) can be also downloaded at

- <http://www.nero.com/download.php?id=nmhlgemac>

Installing Nero MediaHome Essentials

1. Before installation, close all running programs including firewall and Anti-Virus programs.
2. Unzip and double-click "Setup.exe" to install Nero MediaHome Essentials. The installation is prepared and the installation wizard appears.
3. Follow the directions of the installation wizard displayed on the screen.
4. Click the [Exit] button to complete the installation.

System requirements (Macintosh)

- Mac OS X 10.5 (Leopard) or 10.6 (Snow Leopard)
- Macintosh computer with an Intel x86 processor
- Hard drive space: 200 MB hard drive space for a typical installation of Nero MediaHome standalone
- Memory: 256 MB RAM

Sharing music files

On your computer, you must share the folder contained music files to play them on this speaker. This parts explains the procedure for selecting the shared folders on your computer.

1. Double-click the "Nero MediaHome 4 Essentials" icon.
2. Click [Network] icon on the left and define your network name in the [Network name] field. The Network name you enter will be recognized by your player.
3. Click [Shares] icon on the left.
4. Click [Local Folders] tab on the [Shares] screen.
5. Click [Add] icon to open the [Browse Folder] window.
6. Select the folder containing the files you want to share. The selected folder is added to the list of shared folders.
7. Click [Start Server] icon to start the server.

! Note

- The Nero MediaHome Essentials is a customized software edition only for sharing files and folders to this speaker
- If the shared folders or files are not displayed on the player, click the folder on the [Local Folders] tab and click [Rescan Folder] at the [More] button.
- Visit www.nero.com for more information and software tools.

Standby mode



The speaker switches to the standby mode if there is no music playback or no button operation.

Standby mode

Option 1.

If network is disconnected and there is no music playback and no button operation for 20 minutes, the speaker switches to the standby mode. Then "GOOD BYE" appears on the display window and the LED indicator on the unit turns red.

Option 2.



If you press and hold  on the unit or  on the remote control for about 3 seconds, the speaker switches to the standby mode. Then "GOOD BYE" appears on the display window and the LED indicator on the unit turns red.

Network standby mode


Option 1.

When network is connected but music is not played and buttons are not pressed for 20 minutes, the speaker switches to the network standby mode. Then the LED indicator on the unit becomes dimmed in white.

Option 2.

If you press  on the unit or  on the remote control, the speaker switches to the network standby mode. Then the LED indicator on the unit becomes dimmed in white.



Note

On the Network Standby Mode, if you press  on the unit or  on the remote control, the latest music playlist will be played.

Reset the Speaker


If the speaker is not turned on or doesn't respond, reset the speaker.

Resetting the speaker

- Press and hold the  button until you hear the beep sound once. You can see "DISABLE" on the display window. Then all wireless network ports are deactivated and the stored wireless network information is deleted.
- Press and hold the  button until you hear the beep sound twice. You can see "RESET" on the display window. You can reset the speaker to its original factory settings.

Troubleshooting

General

Symptoms	Cause & Solution
The unit does not work properly.	<ul style="list-style-type: none"> Turn off the power of this unit and the connected external device (TV, Woofer, DVD-player, Amplifier, etc.) and turn it on again. Disconnect the power cord of this unit and the connected external device (TV, Woofer, DVD-player, Amplifier, etc.) and then try connecting again.
The power does not turn on.	<p>Is the power cord plugged into the outlet?</p> <ul style="list-style-type: none"> Connect the power plug to the outlet.
A function does not work when the button is pressed.	<p>Is there static electricity in the air?</p> <ul style="list-style-type: none"> Disconnect the power plug and connect it again.
Sound is not produced.	<p>Is the volume set to minimum?</p> <ul style="list-style-type: none"> Adjust the volume. When you are using connection with a external device (set top box, Bluetooth device etc.), adjust volume level of the device. <p>Is the mute function activated?</p> <ul style="list-style-type: none"> Press  or adjust the volume level to cancel the mute function. <p>Is the function selected properly?</p> <ul style="list-style-type: none"> Check the input source and select the correct input source.
No woofer sound	<p>Is the subwoofer plugged in?</p> <ul style="list-style-type: none"> Plug the power cord of subwoofer into the wall outlet securely. <p>Is pairing between the unit and the subwoofer disconnected?</p> <ul style="list-style-type: none"> Connect the unit and the subwoofer. (Refer to the page 12.)
The remote control does not work properly.	<p>Is the remote control too far from the unit?</p> <ul style="list-style-type: none"> Operate the remote control within about 7 m. <p>Is there an obstacle in the path of the remote control and the unit?</p> <ul style="list-style-type: none"> Remove the obstacle. <p>Are the batteries in the remote control exhausted?</p> <ul style="list-style-type: none"> Replace the batteries with new one.
The AUTO POWER function does not work.	<ul style="list-style-type: none"> Check connection of the external device such as TV, DVD/Blu-Ray player or Bluetooth device. Check the state of SIMPLINK and turn off SIMPLINK. Depending on the connected device, this function may not operate.
LG Sound Sync does not work.	<ul style="list-style-type: none"> Check whether your LG TV supports LG Sound Sync. Check connection of LG Sound Sync. Check sound setting of your TV and this unit.

Symptoms	Cause & Solution
When you feel the output sound of the unit is low.	<p>Check the details below and adjust the unit according to them.</p> <ul style="list-style-type: none"> • Switch [ON] state of DRC function to [OFF] by using remote controller. • With the sound bar connected with TV, change the AUDIO DIGITAL OUT setting on TV Setup Menu from [PCM] to [AUTO] or [BITSTREAM]. • With the sound bar connected with Player, change the AUDIO DIGITAL OUT setting on Player Setup Menu from [PCM] to [PRIMARY PASS-THROUGH] or [BITSTREAM]. • Change Audio DRC setting on Player setup menu to [OFF] state.

Network

Symptoms	Cause & Solution
Cannot connect the speaker to your home network.	The wireless communication may be interrupted from household devices that are using radio frequencies. Move the speaker away from them.
Media servers are not displayed on the device list.	<ul style="list-style-type: none"> • The firewall or anti-virus software on your media server is running. Turn off the firewall or anti-virus software running on your media server. • Make sure that the speaker is connected to the local area network that your media server is connected.
I cannot enjoy multiple playback (Group and Surround playbacks).	<p>Is the speaker connected to the network via Wi-Fi?</p> <ul style="list-style-type: none"> • If you want to enjoy the multiple playback, at least one speaker should be connected by LAN cable. • If the speakers are connected only wirelessly, disconnect the wireless connections and reconnect them after connecting wired speaker.
Music Flow Player doesn't work properly.	<p>Is the Music Flow Player plugged in?</p> <ul style="list-style-type: none"> • Plug in the Music Flow Player. <p>Is the LAN cable connected to the wireless router and the Music Flow Player properly?</p> <ul style="list-style-type: none"> • Connect the LAN cable to the Ethernet port on the back of the Music FlowPlayer and to your wireless router. <p>When the Music Flow Player is plugged in, do the Music Flow Player's LED show it's operating properly?</p> <ul style="list-style-type: none"> • If you experience troubles with connecting the Music Flow Player, try relocating the speakers so that the speakers is closer to the wireless router or Music Flow Player. <p>If you restart the router?</p> <ul style="list-style-type: none"> • You need to turn the speaker's power off and on again. <p>If you install new router.</p> <ul style="list-style-type: none"> • You need to perform a factory set and setup the network connection for speaker.

Application and PC Software

Symptoms	Cause & Solution
Music Flow Player app doesn't work properly.	<p>Does an error occur when accessing the app?</p> <ul style="list-style-type: none">• Make sure that your smart device is compatible with the app.• Make sure that the Music Flow Player app is the latest version.• Make sure that the speaker's front LED turns from red to white.
Music Flow PC Software doesn't work properly.	<p>Does the firewall on your PC or Mac set to enable?</p> <ul style="list-style-type: none">• Disable all your firewalls and try to connect again. Refer to your firewall's instruction or website. <p>Is the LAN cable connected to the wireless router and your PC or Mac properly?</p> <ul style="list-style-type: none">• Ensure that the speaker and your PC or Mac are correctly connected to the local area network and can access the internet.• The wireless communication may be interrupted from household devices that are using radio frequencies. Move the speaker and your PC or Mac away from them.

File requirement

Available File extensions : ".mp3", ".wma", ".flac", ".m4a", ".aac", ".ogg", ".wav"

Sampling frequency: within 32 to 48 kHz (mp3, wma), up to 192 kHz/24 bit (flac)

Bit rate: up to 320 kbps (mp3, wma)

- The file requirements are not always compatible. There may have some restrictions by file features and media server's ability.
- Some wav files are not supported on this speaker.
- Depending on the types of file or ways of recording, it may not play back.
- Some DRM-loaded files are not supported on this speaker.

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Specifications

General (LAS650M (HS6))		
AC adapter requirements	Input	100 - 240 V ~ 50 / 60 Hz
	Output	25 V  2 A
Power consumption	30 W	
	Networked standby : 5.7 W (If all network ports are activated.)	
Dimensions (W x H x D)	(1020 x 42 x 82) mm (with Foot)	
Net Weight (Approx.)	2.0 kg	
Operating temperature	5 °C to 35 °C	
Operating humidity	5 % to 90 %	

Input/Output	
OPT. IN	3 V (p-p), Optical jack x 1
PORTABLE IN	0.5 Vrms (3.5 mm stereo jack) x 1
HDMI IN	19 Pin (Type A, HDMI™ connector) x 1
HDMI OUT	19 Pin (Type A, HDMI™ connector) x 1
Available Digital Input Audio Sampling Frequency	32 kHz, 44.1 kHz, 48 kHz, 96 kHz

Amplifier	
Total	320 W
Front	40 W x 2 (8 Ω at 1 kHz)
Surround	40 W x 2 (8 Ω at 1 kHz)
Subwoofer	160 W (3 Ω at 80 Hz)
THD	10 %

Wireless subwoofer (S65A1-D)	
Power requirements	Refer to the main label on the subwoofer.
Power consumption	40 W
Type	1 Way 1 Speaker
Impedance	3 Ω
Rated Input Power	160 W
Max. Input Power	320 W
Dimensions (W x H x D)	(178 x 378 x 437) mm
Net Weight (Approx.)	9 kg

System	
ETHERNET (LAN) port	Ethernet jack x 1, 10 BASE-T/100 BASE-TX
Wireless LAN (Internal antenna)	Integrated IEEE 802.11n (Draft 2.0) wireless networking access, compatible with 802.11a/b/g/n Wi-Fi networks.

Bluetooth	
Version	4.0
Codec	SBC

- Designs and specifications are subject to change without prior notice.

Handling the Speaker

When shipping the speaker

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

Keeping the exterior surfaces clean

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

Cleaning the speaker

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 speaker.

Important Information Relating to Network Services

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[Your Smart TV offers a parental control tool (by way of a 4 digit PIN). If you have enabled the 4-digit PIN, your LG Smart TV will not be able to display restricted content unless you type in the PIN. You are responsible for setting up and maintaining the parental control tool and any other controls that are available, and we will not be responsible for any harm, loss or damage you suffer or any other user of your LG Smart TV suffers as a result of your failure to do so. Depending on the models of your LG Smart TV, these features may not be available.

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Further, we do not accept responsibility for any loss or damage caused by a virus, distributed denial-of-service attack, or other technologically harmful material that may infect your LG Smart TV, data or other material belonging to you, during your use of the Services.

Modify as you think appropriate: Complaints

If you have any queries, concerns or complaints about the Services, please contact [include reference to non-personal LG email address].

Modify as you think appropriate: Miscellaneous

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