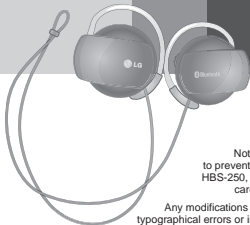




English

LG Electronics
BLUETOOTH® Stereo Headset
HBS-250 User manual



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Note : For the best performance and to prevent any damage to, or misuse of the HBS-250, please read all of the information carefully prior to using the HBS-250.

Any modifications or changes to this manual due to typographical errors or inaccuracies of stated information shall only be made by LG Electronics Inc.

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Before use

The LG HBS-250 is a super lightweight and compact Bluetooth® wireless stereo headset that produces hi-fi stereo sound. It also offers crystal clear sound via noise reduction and echo cancellation during a phone call using DSP (digital signal processing) technology. This product can be used as an audio accessory for devices supporting either the A2DP or Handsfree Bluetooth® Profile.

Package contents



Bluetooth® Stereo headset



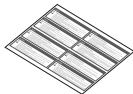
User manual



External sound cable



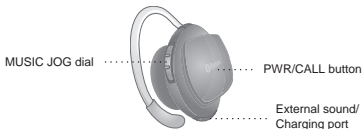
Charger



WEEE Card

Description of parts

Front



Back



Wearing



- Check the left/right side of the headset.
- Widen the ear loop a little in order to wear it easily, and wear it appropriately.
- Adjust the ear loop to fit in your ear if necessary.

How to use

Charging

- Remove the cover on the charging port and connect the charger.
- While charging, the LED will remain on.
- The Headset can not function while charging.
- It takes 2 hours to fully charge the Headset.
- When charging is complete, the LED will turn off.

Low battery

- You will hear a beep tone periodically at low battery.
- When the battery is not charged, the Headset will turn off.

Button Hold

- Button Hold mode prevents any button from being pressed unintentionally.
- Press and hold EQ/HOLD button for 3 seconds to turn on the mode.
- Press and hold EQ/HOLD button for 3 seconds again to turn off the mode.
- Button Hold mode is available even when HBS-250 is powered-off.
- If you press any button of powered-on Headset in Button Hold mode, beep and LED alerts notify you of the mode.
- If you try to turn on the Headset in Button Hold mode, beep and LED alerts notify you of the mode, too. You should turn off the Button Hold mode first.

Battery status

By pressing briefly the Volume-Up button and Volume-Down button simultaneously, the battery status can be checked by the number of LED flashes.

Number of red flashes	4 flashes	3 flashes	2 flashes	1 flash
Music streaming time	More than 7 h	More than 4 h	More than 1 h	Up to 1 h

Power on

- Press and hold the PWR/CALL button for at least 2 seconds.
 - The HBS-250 will turn on and a tone will play.

Power off

- Press and hold the PWR/CALL button for at least 5 seconds.
 - A tone will play, the Bluetooth link will disconnect, and the HBS-250 will turn off.

Easy Pairing

- With the HBS-250 off, Press and hold the PWR/CALL button for 2 seconds.
 - If the HBS-250 has never been connected with a Bluetooth device, it will automatically enter pairing mode.
 - If the HBS-250 has previously been connected with the Handset, it will automatically try to reconnect to that handset.
 - If the HBS-250 fails to reconnect to the handset, it will automatically enter pairing mode.
 - You will hear two short beeps and the LED indicator will show a solid blue light, when the device enters Pairing Mode.
 - Once in Pairing Mode, please follow these instructions:
 - ▶ Using your Handset, find the Bluetooth Menu and "search for" or "add" new devices.
 - ▶ Select "LG HBS-250" from the list of devices and pair it with your handset.
 - ▶ When asked for the Pass/PIN code during the pairing procedure, please enter "0000" (4 zeros).
 - ▶ After pairing successfully, be sure to "Connect" to the HBS-250.
 - ▶ Once you have connected successfully, you will hear a beep.
 - ▶ If you want to pair with other devices in the future, the HBS-250 must be placed into Pairing Mode.
 - ▶ If the HBS-250 is in "Pairing Mode" for 3 minutes without being paired to a device, the Headset will automatically turn off.

Pairing (Manual)

- Prior to using the Headset for the first time, you must pair it with a Bluetooth-enabled handset.
- With the HBS-250 off, press and hold the PWR/CALL button for 5 seconds.
 - You will hear two short beeps and the LED indicator will show a solid blue light, when the device enters Pairing Mode.
 - Once in Pairing Mode, please follow above instructions.

Connecting (Previously Paired)

There are two ways to connect the "HBS-250" to a Handset.

1. Connecting from a Handset to the HBS-250
 - From the Bluetooth menu, select the "connect" sub-menu.
 - Select "LG HBS-250" and connect.
2. Connecting from the HBS-250 to a Handset
 - Press the PWR/CALL button for 2 seconds to power on.
 - If the "HBS-250" has ever been previously paired with the Bluetooth device successfully, it will automatically reconnect to that device.

[Auto Reconnect]

- When the HBS-250 is turned off while connected, the headset and handset will disconnect. The Stereo headset and handset will automatically reconnect without pairing, when the HBS-250 is turned back on.

[Out of range]

- When the HBS-250 and your handset are separated by a distance of 33 feet (10meters) or more, the HBS-250 and handset will disconnect. When the handset and HBS-250 are brought back within the required distance, the HBS-250 and handset will automatically reconnect.
- If the HBS-250 and handset do not automatically reconnect when they are back within the required range, briefly press the PWR/CALL button on the HBS-250 to reconnect manually.

Multi-connection

You can connect your HBS-250 to two devices in order to enable music playing and phone connectivity at the same time. This implies that your mobile phone will be paired with the headset or hands-free profile and your Bluetooth-enabled audio device will be paired with A2DP and AVRCP.

1. Connect your HBS-250 to a Bluetooth-enabled audio device.
2. Power off the HBS-250 by pressing PWR/CALL button for 5 seconds. (The connection with the audio device will subsequently drop.)
3. Put your HBS-250 in the pairing mode and pair/connect the headset to a mobile phone by using the headset or hands-free profile.
4. Press MUSIC JOG dial once briefly.
5. The audio device is now paired with A2DP and AVRCP, while the mobile phone is paired with the headset or hands-free profile.

* Note: In case your mobile phone supports A2DP and AVRCP, you can enjoy listening to music from your mobile phone with the HBS-250.

How to use

Volume control

- Briefly press the VOLUME UP or VOLUME DOWN button to adjust the headset volume.
- There are eight levels of headset volume in handsfree mode.
- There are fifteen levels of headset volume in audio streaming mode.

Audio streaming

PLAY

- Briefly press the CALL button to answer an incoming call.

PAUSE

- Briefly press the MUSIC JOG dial to pause the music.

STOP

- Press and hold the MUSIC JOG dial for 1 second to stop the music.

NEXT SONG

- Briefly turn and release the MUSIC JOG dial toward upper direction to play the next song.

PREVIOUS SONG

- Briefly turn and release the MUSIC JOG dial toward lower direction to play the previous song.

FAST FORWARD

- Turn and hold the MUSIC JOG dial toward upper direction.
When released, music will resume.

REWIND

- Turn and hold the MUSIC JOG dial toward lower direction.
When released, music will resume.

Music Enhancement (Music play mode)

- The music play mode changes by pressing EQ/HOLD button briefly.
- HBS-250 has 5 modes including Normal, Rock, Vocal, Base and 3D.
- Each mode changes to the next mode by pressing EQ/HOLD button once and when it comes back to the normal, you will hear the beep sound.

Calling

Answering a call

- When there is an incoming call, the HBS-250 will ring.
- Briefly press the PWR/CALL button to answer an incoming call.

Making a call

- If you make a call from the Handset, the call will (subject to phone settings) automatically transfer to the HBS-250. If not automatically transferred, you can transfer the call manually by briefly pressing the PWR/CALL button on the HBS-250(headset and handset must be paired).

How to use

Voice dialing*

- Briefly press the PWR/CALL button. (You will get the best results if you record the voice dialing tag through your HBS-250).
- NOTE: If the Handset does not support Voice Dialing, the HBS-250 will activate the last number redial.

Last number redialing *

- Press and hold the PWR/CALL button for 1 second to activate Last Number Redial.The Headset will beep, and call the last number dialed.

Ending a call

- Briefly press the PWR/CALL button.

Transferring a call*

- While on a call on your handset, briefly press the PWR/CALL button on the HBS-250 to transfer the audio to the Headset, (Headset and handset must be paired) To transfer a call from the Headset to Handset, turn and hold MUSIC JOG dial toward upper direction for 1 second.

Call waiting*

- Answer a second call without hanging up the first call by pressing the PWR/CALL button for 1 second. Press the PWR/CALL button for 1 second to return to the original call.
- Briefly press the PWR/CALL button to terminate the active call. (or both of calls).

Call reject*

- Activate call reject by pressing the PWR/CALL button for 1 second when the Handset/HBS-250 rings.

MIC MUTE

- Turn and hold MUSIC JOG dial toward lower direction for 1 second to mute the mic during conversation. Turn and hold MUSIC JOG dial toward lower direction for 1 second again to resume conversation.
- * It is possible to use these functions only when your Handset supports them. For further information about using these features please consult your Handset's user manual.

Using as a wired headset

- HBS-250 can be used as a wired headset by connecting the cable provided.
- External sound (from cable) is available even when headset is powered-down.
- You can not hear external sound when Bluetooth device's sound is active. For example, when the cable is connected to MP3 player and when you want to listen to the music from the Bluetooth mobile phone, the sound from the Bluetooth mobile phone will be only available.

Summary of button functions

Function	Headset status	Action
Power on	Power off	Press PWR/CALL button for 2 seconds
Power off	Power on	Press PWR/CALL button for 5 seconds
Button hold	Except charging	Press and hold EQ/HOLD button for 3 seconds
Volume up	Talking/Music on	Briefly press the Volume Up button
Volume down	Talking/Music on	Briefly press the Volume Down button
Play	Idle	Briefly press MUSIC JOG dial
Pause	Music on	Briefly press MUSIC JOG dial
Stop	Music on	press and hold MUSIC JOG dial for 1 second
Next Song	Music on	Briefly turn and release MUSIC JOG dial toward upper direction
Previous Song	Music on	Briefly turn and release MUSIC JOG dial toward lower direction
Fast forward	Music on	Turn and hold MUSIC JOG dial toward upper direction
Rewind	Music on	Turn and hold MUSIC JOG dial toward lower direction
Music mode change	Music on	Press EQ/HOLD button briefly
Transferring a call	Talking	- From the mobile phone to the headset: Briefly press PWR/CALL button once - From the headset to the mobile phone: Turn and hold MUSIC JOG dial toward upper direction for 1 second
Answering a call	Ringng	Briefly press PWR/CALL button
Ending a call	Talking	Briefly press PWR/CALL button
Call waiting	Talking	Press and hold PWR/CALL button for 1 second
Last number redialing	Idle	Press and hold PWR/CALL button for 2 seconds
Voice dialing	Idle	Briefly press PWR/CALL button
Call reject	Ringng	Press PWR/CALL button for 1 second
Pairing	Power off	Press PWR/CALL button for 5 seconds
Mute on/off	Talking	Turn and hold MUSIC JOG dial toward lower direction for 1 second

LED indication

Function	HBS-250 Status	Status of LED
Operating	Power on	The LED light flickers fast 5 times.
	Power off	The LED light flickers fast 5 times.
	Pairing mode	The LED is on.
	A2DP/AVRCP/Handsfree/Headset Profile not Connected	The LED light flickers once every 5 seconds.
	A2DP/AVRCP/Handsfree/Headset Profile not Connected	The LED light flickers twice every 5 seconds.
	Call Connected	The LED light flickers twice every 5 seconds.
.	Unintentional loss of connection (until the connection is recovered)	The LED light flickers twice every 5 seconds.
	Button pressed in hold mode	The LED light flickers 3 times fast.
Charging	Charging	The LED is on.
	Charging complete	The LED is off.

Troubleshooting

Status	To check	Corrective action
Headset does not turn on	Check whether the battery of the HBS-250 headset is charged.	Charge the battery.
	Check whether the headset is in Button Hold mode.	Escape from Button Hold mode. (Press and hold EQ/HOLD button for 3 seconds)
Unable to communicate with the HBS-250	Check whether handset supports the headset handsfree/A2DP /AVRCP Bluetooth Profiles.	Determine whether your handset supports the Headset/Handsfree/A2DP/AVRCP Bluetooth profiles.
	Check whether the battery of the HBS-250 is low.	Charge the battery.

Troubleshooting

Status	To check	Corrective action
Unable to pair the HBS-250 with Bluetooth devices	Check and make sure the Headset is on.	Press PWR/CALL button for 2 seconds to turn on the headset.
	Check and make sure the Headset is placed in pairing mode.	When the power is off, press and hold PWR/CALL button for at least 5 seconds to place the HBS-250 in the pairing mode.
Low sound None of the buttons seem to work	Check the Headset volume. Check whether the headset is in Button Hold mode.	Increase the volume level. Escape from Button Hold mode (Press and hold EQ/HOLD button for 3 seconds)

Specifications

ITEM	Description
Bluetooth® specification	V2.0 (headset / handsfree / A2DP / AVRCP)
Battery	3.7V, Li-ion
Stand by time	Up to 320Hrs
Music play time	Up to 8Hrs
Talk Time	Up to 10Hrs
Charging time	2Hrs +30Min
Audio	10mW (Max. 70mW), 107dB
Operation temperature	-10°C ~ 60°C
Dimension / Weight	38.5 (D) X 19.0 (H)mm / 40g

Precautions

Do not drop this unit from a height.

Do not modify, repair, or take apart this unit.

Do not expose directly to water, alcohol, benzene, etc. for cleaning.

Do not expose directly to flammables.

Do not place or keep the unit near flammables.

Keep unit away from humidity and dust.

Do not place heavy objects on the unit.

Keep away from direct light or heat.

Declaration of Confirmation

FCC NOTICE TO USERS :

This device complies with part 15 of the FCC rules.

Operation is subject to the following two conditions:

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

IMPORTANT NOTE :

To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

Hereby, [LG Electronics USA], declares that this [Bluetooth Headset (HBS-250)] is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

1. Radio frequency exposure

This Bluetooth Stereo Headset, HBS-250, is a radio transmitter and receiver. When in operation, it communicates with a Bluetooth equipped mobile device by receiving and transmitting radio frequency (RF) electromagnetic fields (microwaves) in the frequency range 2.4 to 2.4835 GHz. The output power of the radio transmitter is low, 0.001 watt. Your Bluetooth Stereo Headset is designed to operate in compliance with the RF exposure guidelines and limits set by national authorities and international health agencies when used any compatible LG Electronics mobile phone.

2. Potentially explosive atmosphere

Turn off your electronic device when in any area with a potentially explosive atmosphere. It is rare, but your electronic device could generate sparks. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Areas with a potentially explosive atmosphere are often, but not always, clearly marked.

3. Emergency calls**IMPORTANT!**

This Bluetooth® Stereo Headset and the electronic device connected to the Stereo Headset operate using radio signals, cellular and landline networks as well as user-programmed functions, which cannot guarantee connection under all conditions. Therefore you should never rely solely upon any electronic device for essential communications (e.g. medical emergencies). Remember, in order to make or receive calls, the Stereo Headset and the electronic device connected to the Stereo Headset must be switched on and in a service area with adequate cellular signal strength. Emergency calls may not be possible on all cellular phone networks or when certain network services and/or phone features are in use. Check with your local service provider.

4. Battery information

A rechargeable battery has a long service life if treated properly. A new battery or one that has not been used for a long period of time could have reduced capacity the first few times it is used. Do not expose the battery to extreme temperatures, never above +60°(+140°F) or under -20°(-4°F). For maximum battery capacity, use the battery in room temperature. If the battery is used in low temperatures, the battery capacity will be reduced. The battery can only be charged in temperatures between +10°(+50 °F) and +45°(+113°F).

5. Recycling the battery in your Bluetooth Stereo Headset

The battery in your Bluetooth Stereo Headset must be disposed of properly and should never be placed in municipal waste. The LG Electronics service partner removing battery will dispose of it according to local regulations.

6. Conditions

- The warranty is valid only if the original receipt issued to the original purchaser by the dealer, specifying the date of purchase and serial number, is presented with the product to be repaired or replaced. LG Electronics reserves the right to refuse warranty service if this information has been removed or changed after the original purchase of the product from the dealer.
- If LG Electronics repairs or replaces the product, the repaired or replaced product shall be warranted for the remaining time of the original warranty period or for ninety (90) days from the date of repair, whichever is longer. Repair or replacement may involve the use of functionally equivalent reconditioned units. Replaced parts or components will become the property of LG Electronics.
- This Warranty does not cover any failure of the product due to normal wear and tear, or due to misuse, including but not limited to use in other than the normal and customary manner, in accordance with instructions for use and maintenance of the product. Nor does this warranty cover any failure of the product due to accident, modification or adjustment, acts of God or damage resulting from liquid.
- This warranty does not cover product failures due to improper repair installations, modifications or service performed by a non-LG Electronics authorized person.
- Tampering with any of the seals on the product will void the warranty.
- There are no express warranties, whether written or oral, other than this printed including without limitation the implied warranties of merchantability or fitness for a particular purpose, are limited to the duration of this limited warranty. In no event shall LG electronics or its vendors be liable for incidental or consequential damages of any nature whatsoever, including but not limited to lost profits or commercial loss, to the full extent those damages can be disclaimed by law.

Additional Information

- Some countries/states do not allow the exclusion or limitation of incidental or consequential damages, or limitation of the duration of implied warranties, so the preceding limitations or exclusions may not apply to you. The warranty provided does not affect the consumer's statutory rights under applicable national legislation in force, nor the consumer's rights against the dealer arising from their sales/purchase contract.

Limited Warranty

Subject to the conditions of this Limited Warranty, LG Electronics warrants this product to be free from defects in design, material and workmanship at the time of its original purchase by a consumer, and for a subsequent period of one (1) year. Should your product need warranty service, please return it to the dealer from whom it was purchased or contact your local LG Electronics contact center to get further information.

Hearing Safety

Permanent hearing loss may occur if you use your headset at a high volume.

Set the volume to a safe level. You can adapt over time to a higher volume of sound that may sound normal but can be damaging to your hearing. If you experience ringing in your ear or muffled speech, stop listening and have your hearing checked. The louder the volume, the less time is required before your hearing could be affected. Hearing experts suggest that to protect your hearing:

- Limit the amount of time you use headset at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

For information about how to set a maximum volume limit on your handset, please refer to the features guide for your handset.