

LG Electronics

Bluetooth® Stereo Headset

HBS-110

User Manual



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

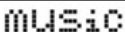




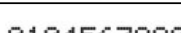
Declaration of Confirmation

Additional Information

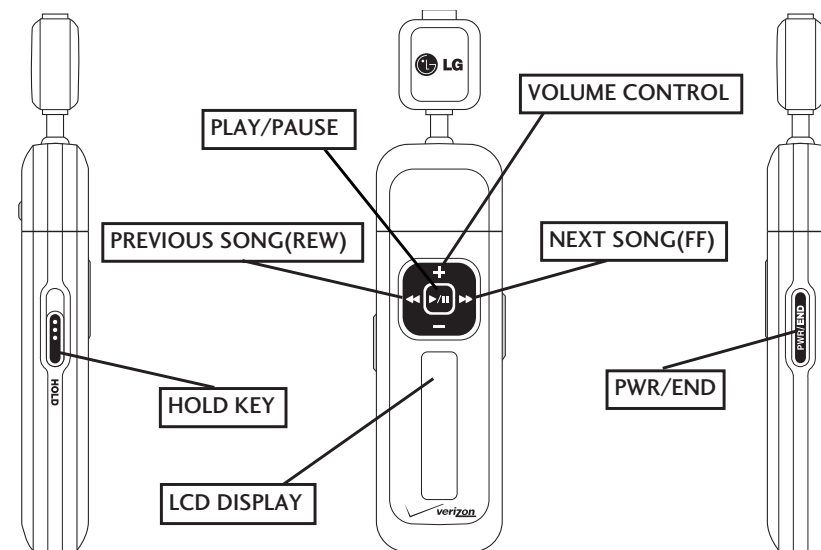
Limited Warranty

Parts Description

LCD Descriptions

ICON	Description
	Indicates the status of Bluetooth connection
	Indicates Headset / Hands-free profile connected
	Indicates A2DP / AVRCP profile connected
	Appears when a call is in progress
	Appears when buttons are locked
	Displays the volume level
	Displays the battery level
	Displays the caller's number, Bluetooth connection, and music status (not the title of the song being played)

KEY Descriptions



Power on

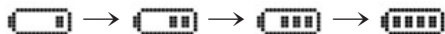
- Press and hold the PWR/END key 2 seconds.
 - ✓ The power will turn on and a tone will play.
- When turning on the Power initially after purchase, the headset will enter to the “Pairing Mode” automatically.
- The screen will display “LG HBS-110”.
 - ✓ When there is no operation for 15 seconds, the LCD will turn off and the headset will enter Power Saving mode.
- When the PWR/END key is pressed with the HOLD switch on, “LOCKED” will be displayed on the screen.
 - ✓ A sharp beep will sound and the power will be turned off.

Power off

- Press and hold the PWR/END key for 5 seconds.
 - ✓ A shutdown tone will play, the Bluetooth link will be disconnected, and the power will be turned off.
- “Power off” is displayed on the screen for 2 seconds

Charging

- Remove the cover for the power connector and connect the charger to the power port.
- When the charger is connected with power on or off, the LCD displays “charging” along with the animated battery icon to indicate that the battery is being charged.
- The LCD will turn off after 15 second and turn back on when the user press any key.
- The keys will not function while the device is charging



- It takes 3 hours to fully charge the headset.
- “Battery full” is displayed on the screen when charging is complete.

Low battery

- The battery icon on the LCD will blink when the battery power is low.
- When battery is not charged, the LCD will display “Low Battery” and then turn off.
- In this case, the battery needs to be charged.

Pairing

- After turning on the HBS-110, press and hold the PLAY/PAUSE button for more than 5 seconds.
 - ✓ You will hear 2 beeps, then a melody, and the screen will display “Pairing Mode”.
- When turning on the Power initially after purchase, the headset will enter to the “Pairing Mode” automatically.
 - ▶ Using your handset, find the Bluetooth Menu and “search for” or “add” new devices.
 - ▶ Select “LG HBS-110” 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).
 - ✓ Once pairing has completed successfully, you will hear a beep.
 - ▶ After pairing successfully, be sure to “Connect” to the HBS-110.
- When the stereo profile is connected, the LCD will display “MUSIC”.
- When the handsfree profile is connected, the LCD will display “☎”.
- If you want to pair with other devices in the future, the headset must be in Pairing Mode. When only the handsfree profile is connected, music cannot be played in the headset.

To cancel Pairing Mode, press the PLAY/PAUSE button more than five seconds. If the headset is not paired to another Bluetooth device within 3 minutes, it will automatically return to standby mode.

Connecting

[Call connection]

- Briefly press the PWR/END key to access Voice Command. (Your handset MUST support this feature).
 - ✓ Press the PWR/END key again to return to the main screen.
 - ✓ Press the PWR/END key for 2 seconds to access Last Number Redial. (Your handset MUST support this feature).
- When you end a call, the screen will display “Call Ended” and the call will be terminated.

[Auto Reconnect]

- When the HBS-110 and your handset are separated by a distance of 33 feet(10meters) or more, the headset will display “Disconnected”, followed by “Out of Range”. When the handset and HBS-110 are brought back within the required distance, the HBS-110 will automatically reconnect with the handset.

Volume control

- Press the VOLUME UP or VOLUME DOWN key to adjust the speaker volume.
- There are seven volume levels on the HBS-110. You will see the number of bars on the LCD changing as you press one of volume keys.



- There are two types of volume levels.
 - 1. Standard volume.
 - 2. Volume for AV Streaming.
 - ✓ When audio streaming starts, the preset value of the AV volume will be automatically applied (level 4).
- When you answer a call, the Standard Volume level applies (level 3). After ending a call
- It will automatically return to the music play [volume level 4].

Calling

Answering a Call

- When there is an incoming call, the headset will ring.
 - If Caller ID is available, the LCD will display the phone number of the caller.
- If the phone does not provide a melody to the headset, the headset will play its own ring tone.
- Press the PWR/END key to answer an incoming call.
- When the call begins, the phone icon below is displayed at the top of the LCD to indicate a call is in progress.



Making a Call

- If you make a call from the Handset, the call will (subject to phone settings) be automatically transferred to the Headset. If the call is not automatically transferred to the headset, manually transfer the call by pressing the PWR/END button on the HBS-110.



Ending a call

- Press the PWR/END button shortly to end a call.

Transferring a call

- To transfer a call to the Handset from the headset, press the PLAY/PAUSE button.
- To transfer a call back to the HBS-110, press the PLAY/PAUSE button.
- The HBS-110 will display "Audio Transfer".

Call waiting

- Answer a second call without hanging up the first call by pressing the PWR/END button for 2 seconds. Press the PWR/END button for 2 seconds to return to the original call.
- Press the PWR/END button to terminate both calls at once
 - * 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.

Music

Music PLAY

- Press the PLAY/PAUSE key to play music.
- The LCD will display "Streaming".

Pause

- Press the PLAY/PAUSE key to pause the music.
- The LCD will display "Play/Pause", then "Streaming".

Resume

- Press the PLAY/PAUSE key to resume playing music.
- The LCD will display "Streaming" as the music resumes.

Stop

- Press and hold the PLAY/PAUSE key for one second while music is being played or paused.
 - ✓ The LCD displays "Stop". The music will stop and the screen will display "LG HBS-110".
 - * If you hold the key too long, the headset will enter "Pairing Mode".

Next Song

- Press the FF key to play the next song while music is being played.

Previous Song

- Press the REW key to play the previous song while music is being played.

Hold Switch

- When the HOLD switch is at “HOLD”, none of the buttons will work.
 - ✓ The LCD will display [LOCKED].
- Slide the HOLD switch to a normal position to unlock the buttons.

LCD ON / OFF

- The LCD turns off when there is no action taken for 15 seconds, in order to save power.
- Please note that if the LCD is off, it does not necessarily mean that the Headset's power is also turned off.
- Pressing any key will turn on the LCD again.

Summary of button functions

Function	HBS-110 Status	Action
Power On	Power Off	Press the Power/END button for at least 2 seconds
Power Off	Power On	Press the Power/END button for at least 5 seconds
Pairing Mode	Idle	Press the Play/Pause button for 5 seconds
Pairing Mode Cancel	Pairing Mode	Press the Play/Pause button for 5 seconds
Volume Up	-	Press the Volume Up button
Volume Down	-	Press the Volume Down button
Transferring a Call	Talking	Press the PWR/END button
Answering a Call	Ringing	Press the PWR/END button
Call Rejection	Ringing	Press the PWR/END button for 2 seconds
Ending a Call	Talking	Press the PWR/END button
Call Waiting Mode (Answering a second call or Return to original call)	Talking	Press the PWR/END button for 2 seconds
Call Waiting Mode (termination both calls at once)	Talking	Press the PWR/END button
Last Number redialing	Idle	Press the PWR/END button for 2 seconds
Voice Dialing (Handset must support)	Idle	Briefly press the PWR/END button
Audio Transfer (Headset → Phone)	Headset Talking	Press the Play/Pause button
Audio Transfer (Phone → Headset)	Phone Talking	Press the Play/Pause button
Music Play	Idle	Press the Play/Pause button
Music Pause	Music Playing	Press the Play/Pause button

Function	HBS-110 Status	Action
Music Play (while paused)	Music Pause	Press the Play/Pause button
Music Stop	Music Playing	Press the Play/Pause button for 2 seconds
Music Play Next Song	Music Playing	Press the FF button
Music Play Previous Song	Music Playing	Press the REW button

Summary of LCD indication functions

Function	HBS-110 Status	Action
Operating	Power On	LG HBS-110 → Connecting → LG HBS-110
	Power Off	Power off
	Pairing Mode	Pairing Mode
	Handsfree Connected	Headset Icon
	Music Connected	Music Icon
	Incoming Call	Caller ID
	Outgoing Call	Call Connected
	Call Connected	Call Connected
	Last Number Redial	Redial → Call Connected
	Call Cancellation in the Headset	Call Ended → LG HBS-110
	Call Cancellation in the Handset	Call Ended → LG HBS-110
	Call Rejection	Call Rejected → LG HBS-110
	Start Voice Command	Voice Command
	Stop Voice Command	Voice Command → LG HBS-110
	Waiting Call	Call Swap
	Link Lost	Disconnected → Out of Range
	Transferring a Call	Audio Transfer → Call Connected
	Low Battery Warning	Low Battery
	Music Playing	Play/Pause → Streaming
	Music Pause	Play/Pause → Streaming
	Music Stop	Stop → LG HBS-110
	Music Play Next Song	Next Song → Streaming
	Music Play Previous Song	Previous Song → Streaming

Troubleshooting

Function	HBS-110 Status	Action
Does not turn on	Check whether the HBS-110 battery is fully charged.	When the battery is completely flat When plugging the charger for the first time, •ChargingŽ message will not appear. In this case, replug the charger. If •ChargingŽ message appears, this indicates the charger is being charged normally.
Unable to communicate with the LG Bluetooth® Headset HBS-110	Check whether the Handset supports Headset, Handsfree, A2DP, and AVRCP Bluetooth® Profiles.	Determine whether your Handset supports the Headset, Handsfree, A2DP, and AVRCP Bluetooth® Profiles.
	Check whether the battery of the HBS-110 is low.	Charge the battery.
Unable to pair the HBS-110 with the Bluetooth® device	Check whether the Headset is turned on.	Press the PWR/END button for at least 2 seconds to turn on the Headset.
	Check whether the Headset is in pairing mode.	Press the Play/Pause button for 5 seconds to place the Headset in pairing mode.
Low sound from the speaker	Check the speaker volume	Increase the volume level.

Specification

ITEM	Description
Bluetooth Specification	V2.0
Supported Profile	Handsfree / Headset / A2DP/ AVRCP
Rx. Sensitivity	Typ -80dBm
Battery	3.7V, 180mAh, Li-Polymer
Rated Input	4.8V / 0.9A
Headset Receiver	16 / 16
Headset Mic	-44dB / Omni directional
Talk Time	6 Hour
Music Play Time	5 Hour
Operating Temperature	-10°C ~ 60°C
Dimension	74(L) X 23(W) X 12(H)

Declaration of Conformity

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.



<<NOTICE>>

* Section 15.21 Information to user

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Additional Information

1. Radio frequency exposure

This Bluetooth® Headset, HBS-110, 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® Headset is designed to operate in compliance with the RF exposure guidelines and limits set by national authorities and international health agencies when used with 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® Headset and the electronic device connected to the 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 Headset and the electronic device connected to the 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 °C (+140 °F) or under -20 °C (-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 °C (+50 °F) and +45 °C (+113 °F).

Additional Information

5. Recycling the battery in your Bluetooth® Headset

The battery in your Bluetooth® 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.

. 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.

