



English

LG Electronics
BLUETOOTH® Mono Headset
HBM-590 User manual



Rev 1.0 US
All rights reserved.
LG Electronics Inc., 2010

Note : For the best performance and to prevent any damage to, or misuse of the HBM-590, please read all of the information carefully prior to using the HBM-590.

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

Introduction	3
- Included in the package	3
Description of parts	4
How to use	4
- Change direction	4
- Ear Loop Attachment and Removal	5
- Charging	5
- Low battery	5
- Power on	5
- Power off	5
- Pairing	5
• Easy Pairing	5
• Manual Pairing	6
- Auto Reconnect	6
- Volume control	7
- Calling	7
• Answering a call	7
• Making a call	7
• Voice dialing	7
• Last number redial	7
• Ending a call	7
• Transferring a call	8
• Call waiting	8
• Call Reject	8
- Name Alert™	8
- music play (A2DP)	8
- Text /SMS Reader	8
- Multipoint	9
Summary of button functions	10
LED indication	10
Troubleshooting	11
Specification	11
Precautions	12
Declaration of confirmation	13
Additional information	14
Limited warranty	16
Important safety information	16

The LG Bluetooth® Headset HBM-590 is a light weight wireless headset utilizing Bluetooth® technology. This product can be used as an audio accessory for devices supporting the headset or hands-free Bluetooth® profiles.

Included in the package



HBM-590
Bluetooth® Headset



Ear loop



User manual



Ear buds



Charger



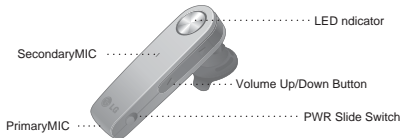
Quick Start Guide



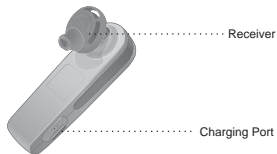
Warranty Card

Description of parts

Front

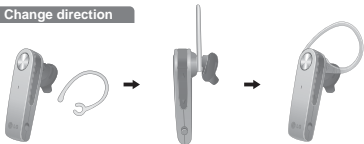


Back



How to use

Change direction



How to use

Ear Loop Attachment and Removal

Attaching the ear loop

- Hold the ear loop just above the base (C shaped part), and snap it into place behind the speaker on the HBM-590.

Removing the ear loop

- Hold the ear loop at the base (C shaped part), and pull, to unhook the ear loop from the HBM-590.

* Note: The ear loop can be attached to the HBM-590, as an option, if necessary. Not every user will need to attach the ear loop.

Charging

- Remove the cover on the charging port and connect the charger.
- When the charger is connected, with the power on or off, the headset will turn off.
- While charging, the LED indicator will show a solid blue light.
- The buttons will not function while the device is charging.
- It takes 2 hours to fully charge the headset.
- When charging is complete, the LED indicator will turn off.

Low battery

- An announcement will be made once every 2 minutes. (Speech: Battery very low, please charge now)
- If the battery is not charged, the headset will turn off.

Power on

- Move the power switch to the 'ON' position.
 - The power will turn on. (Speech: Ready, ["battery status"])

Power off

- Move the power switch to the 'OFF' position.
 - The Bluetooth link will disconnect, and the power will turn off. (Speech: Powering Down)

Pairing

- Before using the headset for the first time, you must pair it with a Bluetooth-enabled handset.
- There are 2 Pairing Mode Methods with the HBM-590.

1) Easy Pairing

- With the Power off, move the power switch to the 'ON' position
- The headset will enter Auto-Reconnect mode for 10 seconds (If your headset has been previously paired to the handset, the headset will automatically reconnect to the handset, when the HBM-590 is powered on.)
- If the HBM-590 fails to reconnect to the phone (Speech: Failed to connect to phone) after 10 seconds, the HBM-590 will automatically enter pairing mode.
- When the headset enters Pairing Mode, the LED indicator will show a solid blue light. (Speech: Please Pair Phone Now)
- Using your handset, find the Bluetooth Menu and "search for" or "add" new devices.
- Select "LG HBM-590" from the list of devices and pair it with your handset.
- If you are 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. (Speech: Paired to phone successfully)
- After pairing successfully, be sure to "Connect" to the LG HBM-590. (Speech: Connected to Phone) You will hear a short beep.
- Some handsets might ask for permission to access the phone's contact list. If you receive a message from your handset, please select "OK" or "Allow access"
- If you want to pair with a different device in the future, the headset must be placed in Pairing Mode.
- If the headset is in Pairing mode for three minutes without being connected to a handset, the HBM-590 will automatically turn off.

2) Manual Pairing

- With the Power off, press and hold the CALL button and move the power switch to the 'ON' position at the same time for 4 seconds.
- When the headset enters Pairing Mode, the LED indicator will show a solid blue light. (Speech: Please pair phone now)
- Using your handset, find the Bluetooth Menu and "search for" or "add" new devices.
- Select "LG HBM-590" from the list of devices and pair it with your handset.
- If you are 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. (Speech: Paired to phone successfully)
- After pairing successfully, be sure to 'connect' to the LG HBM-590. (Speech: Connected to Phone) You will hear a short beep.
- Some handsets might ask for permission to access the phone's contact list. If you receive a message from your handset, please select "OK" or "Allow access"
- If you want to pair with a different device in the future, the headset must be placed in Pairing Mode.

- If the headset is in Pairing mode for three minutes without being connected to a handset, the HBM-590 will automatically turn off.

Auto Reconnect

- When the HBM-590 turns off (accidentally or intentionally) while connected to a handset, the headset and handset will disconnect. The headset and handset will automatically reconnect when the HBM-590 is turned back on. (as long as both devices are within the required range of 33ft. or 10m).

[Out of range]

- When the HBM-590 and your handset are separated by a distance of 33 feet (10 meters) or more, the headset and handset will disconnect, and you will hear a beep (Speech: Out of range) When the handset and HBM-590 are brought back within the required distance, the HBM-590 will automatically reconnect with the handset, and you will hear a beep. (Speech: Connected to Phone)
- If the headset and handset do not automatically reconnect when they are back within the required range, briefly press the CALL button on the HBM-590 to reconnect manually.

Volume control

- Press the VOLUME UP or VOLUME DOWN button to adjust the Receiver volume.
- There are eight levels of Receiver volume.

Calling**Answering a call**

- When there is an incoming call, the headset will ring once, then announce who is calling. (Speech: Call from [caller name] or [phone number])
- Briefly press the CALL button to answer an incoming call. When the call is connected, you will hear a beep.

Making a call

- If you make a call from the handset, the call will (subject to phone settings) automatically transfer to the headset. If the call is not automatically transferred, you can manually transfer the call by briefly pressing the CALL button on the HBM-590 (headset and handset must be paired).

Voice dialing*

- Briefly press the CALL button to activate "Voice Command". You will get the best results if you record the voice dialing tag through your handset.
NOTE: If the handset does not support Voice Dialing, it is possible that performing this action will activate Last Number Redial.

Last number redial

- Press and hold the 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 CALL button. (Speech: End of Call)

Transferring a call

- While on a call on your handset, briefly press the CALL button on the HBM-590 to transfer the audio to the headset. (headset and handset must be paired)
- And to transfer a call from the headset to handset, press and hold VOLUME UP button for 5 seconds.

Call waiting

- Answer a second call without hanging up the first call by pressing the CALL button for 1 second (you will hear a beep). Press the CALL button for 1 second to turn to the original call.
- Briefly press the CALL button to terminate the active call or both calls at once. (subject to handset's support)

Call Reject

- Activate Call Reject by pressing the CALL button for 1 second when the handset rings. (you will hear a beep). (Speech: Call Rejected)
- *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.

Name Alert™

The LG HBM-590 is capable of announcing the caller's name, battery status information, and confirmations of headset operation*.

*NOTE: The Name Alert™ function is not supported by all handsets.

Enable/Disable Name Alert™*

- Press and hold the VOLUME UP button on the HBM-590 for 5 seconds to enable/disable Name Alert™. You will hear, "Enabled Name Alert™" or "Disabled Name Alert™".

Language Selection

- The Name Alert™ function allows you to choose from 2 different language options. They are English and Spanish.
- To enter Language Selection Mode, press and hold the VOLUME UP and VOLUME DOWN buttons simultaneously on the HBM-590 for 3 seconds. You will hear "Please select language".

- To browse language type, press the VOLUME UP or VOLUME DOWN button to scroll through the language options.
- To select a language, press the CALL button once after hearing your language. You will hear "English Selected"
- If no language is selected for 5 seconds, the current language will remain. (Speech: Cancelled).

Battery Status Alert

- To check the battery status, press and hold the VOLUME DOWN button on the HBM-590 for 3 seconds.
- There are 4 levels of battery status: "Battery full", "Battery half", "Battery low", and "Battery very low"

Music Play (A2DP)

The HBM-590 supports music streaming (A2DP).

When you play music from your mobile phone it will automatically transfer to your headset. Music will automatically pause when you have an incoming call. When the call is ended the music will start playing again. Controlling your music is only possible from your handset.

Text / SMS Reader

The LG HBM-590 supports Text / SMS Reader function*.

*NOTE: The Text / SMS Reader function is not supported by all handsets.

Enable / Disable Text / SMS Reader

- With the Power off, press and hold the VOLUME UP or VOLUME DOWN button and move the power switch to the 'ON' position at the same time for 4 seconds.
- You will hear "Text Reader Disabled" or "Text Reader Enabled"

Text / SMS Reader*

- To read a text message, double click the CALL button.
- You will hear "Message From <number>" or "Message From <name>"

* It is possible to use these functions only when your handset supports them. If your handset doesn't support or no message has been received since the HBM-590 was connected, the headset automatically plays on long beep tone instead of Text / SMS reading.

How to use

Multipoint

The LG HBM-590 is capable of having two handsets connected to the headset at the same time. This will give you the freedom of having only one Headset to operate both of your handsets.

Multipoint Connect

- Pair the Headset with one of your Bluetooth-enabled handsets. (per the pairing instructions on pages 5-6).
- Turn off the Headset.
- With the Power off, press and hold the CALL button and move the power switch to the 'ON' position at the same time for 4 seconds to enter Manual Pairing mode.
- Now, pair and connect the Headset with your other Bluetooth-enabled handset. (This will be your Primary handset).
- Once this headset is paired and connected, go back and connect the first paired handset to the Headset. (This will be your Secondary handset).
- * Note: When the HBM-590 is connected to two handsets at the same time (Multipoint), the Headset calling functions will work with the Primary handset (or handset which made the last outgoing call).

Calling Function

- Voice Dial and Last Number Redial features work with the Primary handset (or handset which made the last outgoing call).
- The first connected device is set as primary handset and the next connected device is set as secondary handset.
- The device which made the last outgoing call will always be set as the primary handset.
- If there is an incoming call from the primary(or secondary) handset, the HBM-590 will drop the secondary(or primary) handset. The disconnected handset will reconnect automatically after the end of the call.

Summary of button functions

Function	HBM-590 Status	Action
Power on	Power off	Move the power switch to the 'ON' position.
Power off	Power on	Move the power switch to the 'OFF' position.
Volume up	Talking	Briefly press the Volume UP button.
Volume down	Talking	Briefly press the Volume DOWN button.
Transferring a call	Talking	- Handset to headset Briefly press the CALL button (must be paired) - Headset to handset Press and hold the VOLUME UP button for 5 seconds. Briefly press the CALL button.
Answering a call	Ringing	Briefly press the CALL button.
Ending a call	Talking	Briefly press the CALL button.
Call waiting	Talking	Press the CALL button for 1 second.
Last number redial	Idle	Press the CALL button for 1 second.
Voice dialing (handset must support)	Idle	Briefly press the CALL button.
Manual pairing	Power off	press and hold the CALL button and move the power switch to the 'ON' position at the same time for 4 seconds.
Call reject (Name Alert™) Activate / Deactivate	Ringing Idle	Press the CALL button for 1 second.
Enter language selection mode	Idle	Press and hold the VOLUME UP and VOLUME DOWN button simultaneously for 3 seconds.
Browse language type	Language Selection Mode	Press the VOLUME UP or VOLUME DOWN button.
Select language	Language Selection Mode	Press CALL button once.
Check battery status	Idle	Press and hold the VOLUME DOWN button for 3 seconds.

LED indication

Function	HBM-590 Status	Action
Operating	Power on	The blue LED light flickers 4 times.
	Power off	The blue LED light flickers 4 times and then turns off.
	Pairing mode	The blue LED light stays on.

LED indication

Operating	Headset/Hands-Free /Phone Book Access /A2DP profile connected	The blue LED light flickers 2 times every 5 seconds.
	Call connected	The blue LED light flickers 2 times every 5 seconds.
Charging	Charging	The blue LED stays on.
	Charging complete	LED is turns off.

Troubleshooting

Does not turn on	Check whether the battery of the HBM-590 is fully charged.	Charge the battery.
Unable to communicate with the LG Bluetooth® Headset HBM-590	Check whether the handset supports the headset or hands-free Bluetooth profiles.	Determine whether your handset supports the headset or hands-free Bluetooth profiles.
	Check whether the battery of the HBM-590 is low.	Charge the battery.
Unable to pair the HBM-590 with the Bluetooth® device	Check and make sure the headset is on.	Move the power switch to the 'ON' position.
	Check and make sure the headset is placed	With the Power off, press and hold the CALL button and move the power switch to the 'ON' position at the same time for 4 seconds.
Low sound (speaker)	Check the speaker volume.	Increase the volume level.

Specification

ITEM	Description
Bluetooth® specification	V2.1+EDR (Headset / Hands-Free / Phone Book Access Profiles)
Battery	Battery 3.7V / 115mAh Li-Polymer
Standby time	Up to 130Hrs
Talk time	Up to 5Hrs
Charging time	< 2Hrs
Operation temperature	-10°C ~ 60°C
Dimension / weight	16.9mm(W) x 54mm(L) x 10mm(T) /10.6g

Precautions

Do not drop the unit from high places.

Do not modify, repair, or take apart.

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 & dust.

Do not place heavy objects on the unit.

Only use the headset with an original LG charger, otherwise it may be damaged.

- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- There is a risk of explosion if the battery is replaced by an incorrect type.
- Dispose of used batteries according to the instructions.

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 Inc. declares that this HBM-590 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.



Bluetooth®

CE 1177

FCC ID: BEJHBM590

1. Radio frequency exposure

This Bluetooth® Headset, HBM-590, 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 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°(+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). For your safety, do not remove the battery incorporated in the product. If you need to replace the battery, take it to the nearest authorised LG Electronics service point or dealer for assistance.

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.

Important safety information

Avoiding hearing damage 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 ears 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.

Please refer to your handset user guide for more information on how to adjust listening levels on your handset.

Using Headsets safely Use of Headsets to listen to music while operating a vehicle is not recommended and is illegal in some areas. Be careful and attentive while driving. Stop using this device if you find it disruptive or distracting while operating any type of vehicle or performing any other activity that requires your full attention.