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LG Electronics
BLUETOOTH® Mono Headset
HBM-280 User Manual

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The LG Bluetooth® Headset HBM-280 is a light weight wireless headset that uses Bluetooth® technology.
This product can be used as an audio accessory for devices that support the headset or hands-free Bluetooth® profiles.

Included in the package

LG HBM-280
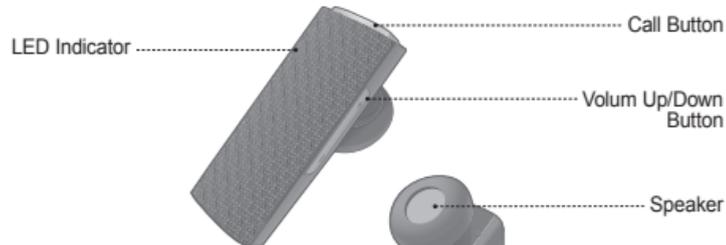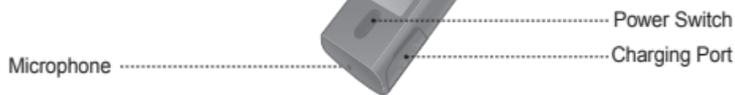Bluetooth® Headset

Ear loop

Charger

User manual

Warranty Card
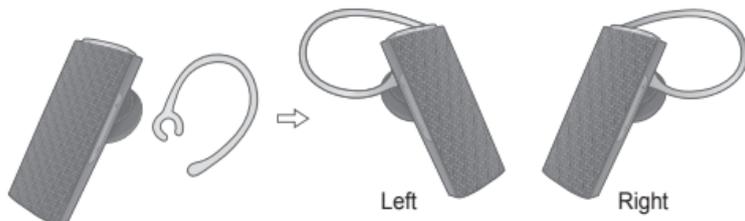
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Description of parts

Front

LED Indicator ·····························

············· Call Button

················· Volum Up/Down Button

················· Speaker

Back

Microphone ·····························

············· Power Switch

············· Charging Port

How to use

Change direction

Left   Right

Charging

- When the charger is connected, with power on or off, the headset will turn off.
- While charging, the LED indicator will show a solid white 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 play once every 2 minutes.
- If the battery is not charged, the headset will turn off.

Battery status alert

- By pressing and holding the VOLUME DOWN button for 3 seconds, you can check the battery status of the HBM-280. The audible battery status alert will inform you of the battery level. There are 3 levels of battery power:

  1. Battery High
  2. Battery Medium
  3. Battery Low

Power on

- Move the power switch to the 'ON' position.
  • The power will turn on and a startup tone will play.
- The audible battery status alert will let you know the battery level.

Power off

- Move the power switch to the 'OFF' position.
  • A shutdown tone will play, the Bluetooth link will disconnect and the power will turn off.

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Pairing

- Before using the headset for the first time, it must be paired with a Bluetooth enabled device.
- There are 2 pairing modes with the HBM-280.

1) Easy Pairing

a) Move the Power Switch to the "ON" position.

b) The headset will enter auto-reconnect mode for 10 seconds.
  (If your headset has already been paired with a device, the headset will automatically reconnect to the device when the HBM-280 is powered on.)

c) After 10 seconds, the HBM-280 will automatically enter pairing mode.

d) When the headset enters pairing mode, the LED indicator will show a solid white light.

e) Using your handset, find the Bluetooth menu and "search for" or "add" new devices.

f) Select "LG HBM-280" from the list of devices to pair it with your device.

g) If you are asked for a passkey or PIN during pairing, please enter "0000" (4 zeros).

h) Once the devices are paired, you will hear "Headset paired".

i) After pairing has been completed, make sure you "connect" to the LG HBM-280.

j) If you want to pair with a different device in the future, the headset must be placed into pairing mode.

k) If the headset is in pairing mode for 3 minutes without being connected to a device, the HBM-280 will automatically turn off.

2) Manual Pairing

a) With the Power off, press the CALL button and move the power switch to the 'ON' position. Continue to hold the CALL Button for 4 seconds until the LED indicator shows a solid white light.

b) Continue pairing process from letter e above.

Auto-reconnect

- If the HBM-280 is turned off (either accidentally or intentionally) while connected, the headset will disconnect form the device.
  The headset and handset will automatically reconnect when the HBM-280 is turned back on (provided that both devices are within the required range of 33 feet (10 meters)).

Out of range

- When the connected device and the HBM-280 are separated by a range of 33 feet (10 meters) or more, the headset will alert the user with a beep, and the headset and device will disconnect.
  When the device and the HBM-280 are within the required range again, the HBM-280 will automatically reconnect to the handset.
- If the headset and device do not automatically reconnect when they are back within the required range, briefly press the CALL button on the HBM-280 to reconnect manually.
- While trying to reconnect, your headset will beep and the LED indicator will flicker twice every 5 seconds.
- If the headset does not reconnected within 60minutes, it will be turned off.

Volume control

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

Calling

Answering a call

- When there is an incoming call, the headset will ring.
- Briefly press and release the CALL button to answer the incoming call.

Making a call

- If you make a call from the connected handset, the call will (depending on the 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-280 (handset and headset must be paired).

Voice dialing
- Briefly press the CALL button to activate "Voice dialing".
For best results, record the voice dialing tag through your headset.
NOTE: If your handset does not support voice dialing, this action may 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 then call the last number dialed.

Ending a call
- Briefly press the CALL button.

Transferring a call
- While on a call on your handset, briefly press the CALL button to transfer the audio to the headset (the headset and handset must be paired).
- To transfer a call from the headset to handset, press and hold the VOLUME UP button for 3 seconds.

Call waiting
- Answer a second call without hanging up the first by pressing the CALL button for 1 second (You will hear a beep). Press the CALL button for 1 second to return to the original call.
- Briefly press the CALL button to end the active call or both calls at once. (subject to handset support)

Call reject
- Activate call reject by pressing the CALL button for 1 second when the handset rings.

* These functions may only be used if your handset supports them.
For further information about using these features, please consult your handset's user manual.

Mic mute
- Press and hold the VOLUME UP and VOLUME DOWN buttons simultaneously for 1 second to mute/unmute the mic during conversation.

The HBM-280 is capable of having two devices connected to the headset at the same time. This will give you the freedom of using call waiting between calls on both of your connected phones.

Connection
- Pair the headset with one of your Bluetooth-enabled handsets. (per the pairing instructions on page 6).
- Turn off the headset.
- With the Power off, press 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 handset is paired and connected, go back and connect the originally paired handset to the headset. (This will now be your secondary handset).
  * NOTE: When the HBM-280 is connected to two handsets at the same time(multipoint), the headset calling functions will work with the primary handset.

Calling function
- Voice dialing and Last Number Redial features work with the primary handset (or handset which made the last outgoing call).

Call waiting
- While speaking on an active call, Press the call button for 1 second to switch to an incoming call.
- To switch between 2 active calls, Press the call button for 1 second.
- To end both calls briefly press the call button.
- If both handsets are receiving an incoming call, the headset will default to the primary device.

How to use

Audio streaming (A2DP)

The HBM-280 supports music streaming (A2DP).
When you play music from your Bluetooth Enabled Device, 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.
A2DP allows streaming of all audio from your handset and running applications Including Music and GPS Navigation.

HD speaker

The HBM-280 supports high definition voice calling and audio streaming.
*Network must support HD Voice for higher quality calling.

SMS reader

The HBM-280 Bluetooth Headset supports SMS reading on Android ™ based devices.
In the Android™ Marketplace search for the LG 'BT Reader' application and install on your device to use this function.
* The 2D barcode shown below helps you download the 'BT Reader' application from Android Market™.

Function	HBM-280 Status	Action
Power on	Power off	Move the power switch to the 'ON' side.
Power off	Power on	Move the power switch to the 'OFF' side.
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 3 seconds.
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.
Call reject	Ringing	Press the CALL button for 1 second.
Mic on/off	Talking	Press and hold VOLUME UP and VOLUME DOWN buttons simultaneously for 1 second.
Pairing mode (Manual)	Power off	Press the CALL button and move the power switch to the 'ON' side at the same time for 4 seconds.
Battery status check	Idle	Press the VOLUME DOWN button for 3 seconds.

LED indication

Function	HBM-280 Status	Action
Operating	Power on	The LED will flash 4 times.
	Power off	The LED will flash 4 times and then turns off.
	Pairing mode	The LED stays on.
	Headset / Hands-Free / A2DP profiles connected	The LED will flash twice every 5 seconds.
	Call connected	The LED will flash twice every 5 seconds.
	Out of range	For the first 15 minutes after the devices are disconnected the LED will flash twice every 5 seconds. After that it will flash once every 5 seconds.
Charging	Charging	The LED stays on.
	Charging complete	The LED turns off.

Specification

Item	Description
Bluetooth® specification	V3.0 (Headset / Hands-Free / A2DP Profiles)
Battery	3.7V, Li- Polymer, 110mAh
Talk Time	Up to 9.5 Hrs
Stand by time	Up to 600 Hrs
Charging time	< 2 hours
Operation temperature	-10°C ~ 60°C
Dimension / weight	18.2mm(W) X 48mm(L) X 10mm(H) / 9.2g

Troubleshooting

Issue	Possible problem	Resolution
Does not turn on	Check whether the battery of the HBM-280 is fully charged.	Charge the battery.
Unable to communicate with the LG HBM-280	Check whether the device supports the headset or hands-free Bluetooth profiles.	Determine whether your device supports the Headset or Hands-free Bluetooth profiles.
	Check whether the battery of the HBM-280 is low.	Charge the battery.
Unable to pair the HBM-280 with Bluetooth® device	Check and make sure the Headset is on.	Move the power switch to the 'ON' side to turn on the headset.
	Check and make sure the Headset is placed in pairing mode.	With the Power off, press the CALL button and move the power switch to the 'ON' side at the same time for 4 seconds to manually place the headset in pairing mode.
Low sound (speaker)	Check the speaker volume.	Increase the volume level.
Not to hear audio streaming	Check whether other device is streaming.	Stop other device streaming.

Precautions

Do not drop the device.

Do not modify, repair, or disassemble.

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

Do not expose directly to flammables.

Do not place or keep the device near flammables.

Keep the device away from humidity and dust.

Do not place heavy objects on the device.

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.
• The earloop is made of a durable plastic. However, bending the earloop repeatedly is not recommended.

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.

CE NOTICE TO USERS:

Hereby, LG Electronics Inc. declares that the HBM-280 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Bluetooth® C E 1177

FCC ID: BEJHBM280

1. Radio frequency exposure

This Bluetooth® Headset HBM-280, 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 watts). 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. Although this is uncommon, 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, mobile 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 mobile signal strength. Emergency calls may not be possible on all mobile 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 at 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). For your safety, do not remove the battery incorporated in the product. If you need to replace the battery, take it to the nearest authorized 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 who removes the battery will dispose of it according to local regulations.

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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 authorised 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.

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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 centre to get further 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. Over time you can become accustomed to a higher volume 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 the 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.

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 whilst driving. Stop using this device if you find it disruptive or distracting whilst operating any type of vehicle or performing any other activity that requires your full attention.

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