LG
Life's Good

SIMPLE MANUAL

3D Blu-ray™ / DVD Home Cinema System

Please read this manual carefully before operating your set and retain it for future reference.
To view the instructions of advanced features, visit http://www.lg.com and then download Owner's Manual.
Some of the content in this manual may differ from your unit.

MODEL
LHB645N

MFL70721708

www.lg.com

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ENGLISH

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

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.

WARNING: Do not install this equipment in a confined space such as a book case or similar unit.

CAUTION: Do not use high voltage products around this product. (ex. Electrical swatter) This product may malfunction due to electrical shock.

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 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.



CAUTION: This product employs a Laser System.
To ensure proper use of this product, please read this owner's manual carefully and retain it for future reference. Shall the unit require maintenance, contact an authorized service center.
Use of controls, adjustments or the performance of procedures other than those specified herein may result in hazardous radiation exposure. To prevent direct exposure to laser beam, do not try to open the enclosure.

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

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.

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

This device is equipped with a portable battery or accumulator.

How to Safely remove the batteries or the battery pack from the equipment: To Remove the old batteries or battery pack, follow the assembly steps in reverse order. To prevent contamination of the environment and bring on possible threat to human and/or animal health, the old batteries or the battery pack must be put in an appropriate container at designated collection points. Do not dispose of batteries or battery pack together with other waste. It is recommended that you use local, free reimbursement systems batteries or battery packs, (may not be available in your area). The batteries or the battery pack should not be exposed to excessive heat such as sunshine, fire or the like.

Symbols

~	Refers to alternating current (AC).
⎓	Refers to direct current (DC).
⧈	Refers to class II equipment.
⏻	Refers to stand-by.
I	Refers to "ON" (power).
ϟ	Refers to dangerous voltage.

Disposal of your old appliance

1. This crossed-out wheeled bin symbol indicates that waste electrical and electronic products (WEEE) should be disposed of separately from the municipal waste stream.
2. Old electrical products can contain hazardous substances so correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health. Your old appliance may contain reusable parts that could be used to repair other products, and other valuable materials that can be recycled to conserve limited resources.
3. You can take your appliance either to the shop where you purchased the product, or contact your local government waste office for details of your nearest authorised WEEE collection point. For the most up to date information for your country please see www.lg.com/global/recycling

Disposal of waste batteries/accumulators

Pb

1. This symbol may be combined with chemical symbols for mercury (Hg), cadmium (Cd) or lead (Pb) if the battery contains more than 0.0005% of mercury, 0.002% of cadmium or 0.004% of lead.
2. All batteries/accumulators should be disposed separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old batteries/accumulators will help to prevent potential negative consequences for the environment, animal and human health.
4. For more detailed information about disposal of your old batteries/ accumulators, please contact your city office, waste disposal service or the shop where you purchased the product. (http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe)

Declaration of Conformity

CE

Hereby, LG Electronics declares that the radio equipment type 3D BLU-RAY HOME CINEMA is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

http://www.lg.com/global/support/cedoc/cedoc=

For consideration of the user, this device should be installed and operated with a minimum distance of 20 cm between the device and the body.

Frequency range	Output power (Max.)
2402 to 2480 MHz	10 dBm

POWER: This unit operates on a mains supply of 200-240V~, 50/60Hz.
Wiring: This unit is supplied with a BS 1363 approved main plug. When replacing the fuse, always use of the same rating approved to BS 1362. Never use this plug with the fuse cover omitted. To obtain a replacement fuse cover contact your dealer. If the type of plug supplied is not suitable for the mains sockets in your home, then the plug should be removed and a suitable type fitted. Please refer to the wiring instructions below:
Warning: A mains plug removed from the mains lead of this unit must be destroyed. A mains plug with bared wires is hazardous if inserted in a mains socket. Do not connect either wire to the earth pin, marked with the letter E or with the earth symbol ⏚ or coloured green or green and yellow. If any other plug is fitted, use same rating of fuse in the plug.
Important: The wires in this mains lead are coloured in accordance with the following codes:
- BLUE: NEUTRAL, BROWN: LIVE - As the colours of the wires in the mains lead of this unit may not correspond with the coloured marking identifying the terminals in your plug, proceed as follows: The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

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Technology with the human touch

GUARANTEE

- LG Electronics U.K. Ltd. will provide the following services in order to expedite this Guarantee.

1. All faulty components which fail due to defective manufacture will be replaced free of charge for a period of 12 months from the original date of purchase.
2. The dealer (or his service agent) who sold the product will be reimbursed for any labour provided in the repair of this LG equipment, for a period of 12 months from the original date of purchase. These claims must be made in accordance with the published scale of service charges and relevant claims procedure.

PLEASE NOTE:

A. The dealer may restrict the guarantee to the original purchaser.
B. The dealer is not obliged to carry out service under guarantee if unauthorized modifications are made to the apparatus, or if non standard components are used or if the serial number of the apparatus is removed, defaced, misused, or altered.
C. Any claims made under guarantee must be directed to the dealer from whom the equipment was originally purchased. The dealer may, before carrying out service under guarantee, require a receipted account as evidence of the date of purchase.
D. We respectfully point out that your dealer is not obligated to replace batteries if they become exhausted or worn in use.
E. Aerial alignment and consumer control adjustments are not covered by this guarantee.

This guarantee does not affect your statutory rights.

- REQUIREMENTS TO MAINTAIN WARRANTY COVERAGE:
  RETAIN YOUR RECEIPT TO PROVE DATE OF PURCHASE. A COPY OF YOUR RECEIPT MUST BE SURRENDERED AT THE TIME GUARANTEE SERVICE IS PROVED.
- Product Registration Card :
  It is helpful to complete at least your name, address, phone, model & serial numbers and return it. This will enable LG to assist you in the future should you lose your receipt, your units be stolen, or should modifications be necessary.
- To obtain information or assistance:
  Call UK: 0344 847 5454 IE: 01 686 9454

MODEL NO.*	SERIAL NO.*	DATE OF PURCHASE.*

In all cases of difficulty - consult your LG dealer from whom the product was purchased

LGEUK Website : www.lg.com/uk
(Service website : www.lg.com/uk/support)



Front Panel



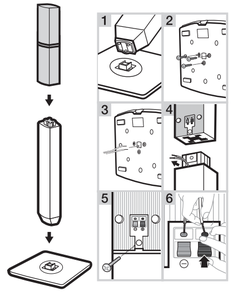
USB Port ····· Connect a USB device.
⏏ ····· Disc Tray Open / Close
>II ····· Starts / Pauses playback.
□ ····· Stops playback.
F ····· Changes the input source or function.
- / + ····· Adjusts volume.
⏻ / I ····· Power On / Off

Rear Panel



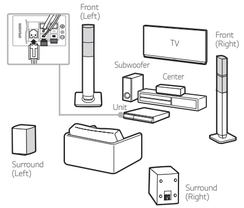
SPEAKERS ····· Connect to speakers.
LAN ····· Connect to Internet.
HDMI OUT TO TV ····· Connect to TV.
AUX (L/R) INPUT ····· Connect to analogue device.
OPTICAL IN ····· Connect to digital device.
ANTENNA FM ····· Connect to radio antenna.

1 Speaker Assembling



2 Speaker Connection

! Speaker design and connection method may be different according to models.



3 TV Connection

Connect with the Player and TV using HDMI ARC (Ⓐ) or HDMI & Optical (Ⓑ).

Ⓐ HDMI(ARC) Connection

1. Connect the Player to the TV using HDMI cable.
2. Set the input selector to HDMI on the TV.
3. Set up [External Speaker (HDMI ARC)] on your TV setting menu.
4. Follow the instructions on the TV screen using remote control.



Ⓑ HDMI & Optical Connection

1. Connect the Player to the TV using HDMI & Optical cable.
2. Set the input selector to HDMI on the TV.
3. Set up [External Speaker (Optical)] on your TV setting menu.
4. Follow the instructions on the TV screen using remote control.



4 Home Menu

After initial setup, Home menu appears on the TV screen. Enjoy various functions on the player.



! To enjoy online services, the player should be connected to internet through wired or wireless connection.

Controller App



Download the LG AV Remote App to your device.

LG Sound Sync (Wireless)



Private Sound Mode



With *MUSIC flow*



For more information, download the online owner's manual. **http://www.lg.com**

Additional Information

Specification

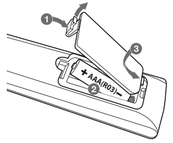
Power requirements	Refer to the main label.
Power consumption	Refer to the main label. Networked standby : 1.5 W (If all network ports are activated.)
Dimensions (W x H x D)	Approx. 360 mm x 60,5 mm x 299 mm
Bus Power Supply (USB)	5 V ⎓ 500 mA
Amplifier (Total RMS output power)	1,000 W RMS

Design and specifications are subject to change without notice.

How to disconnect the wireless network connection or the wireless device

Turn off the unit.

Replacement of battery



OPEN SOURCE SOFTWARE NOTICE INFORMATION

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit http://opensource.lge.com.
In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.
LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for a period of three years after our last shipment of this product. This offer is valid to anyone in receipt of this information.

Customer Support

You can update the Player using the latest software to enhance the products operation and/or add new features. To obtain the latest software for this player (if updates have been made), proceed the software updates or visit http://www.lg.com or contact LG Electronics customer care center.

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

Java POWERED