

OPTICAL DRIVE

BH12LS30

BLU-RAY REWRITER

Internal 12x Super Multi Blue Lightscribe

HIGHLIGHTS

LightScribe

12x BD-R Read/Write Speed

Max. 16x DVD±R Write Speed



FEATURES

- 12x BD-R Read and Write Capability
- Serial ATA Interface
- Lightscribe Direct Disc Labeling
- Max. 16x DVD±R Write Speed
- Blu-ray Disc, DVD and CD Family Read/Write Compatible
- 4MB Buffer Under-run Prevention Function Embedded
- RoHS Compliant
- Cyberlink Software Included:
 - Power2Go
 - Power DVD
 - PowerBackup
 - PowerProducer



Is it a Blu-ray ReWriter? Or something better?

Read and write Blu-ray discs at 12x with the BH12LS30 Blu-ray Disc Rewriter that allows you record up to 50GB of files, photos, or business documents onto a single dual layer BD-R disc. Play HD content from BD Video discs or record up to nine hours of high definition video. SATA interface technology allows for easier integration and ultimately faster performance while LightScribe gives you the added feature of etching customized labels onto a special coated LightScribe disc (sold separately). Get into the Blu with the BH12LS30 by LG.



OPTICAL DRIVE

BH12LS30



SPECIFICATIONS

Type	Internal Blu-ray Disc Rewriter
------	--------------------------------

TRANSFER RATES - WRITE

BD-R (SL)	2x, 4x CLV, 6x, 8x, 10x PCAV, 12x CAV
BD-R (DL)	2x, 4x CLV, 6x, 8x PCAV, 12x CAV
BD-R (SL L to H)	2x, 4x CLV, 6x PCAV
BD-RE (SL/DL)	2x CLV/ 2x CLV
DVD-R	2x, 4x CLV, 8x ZCLV, 8x, 12x PCAV, 16x CAV
DVD-R DL	2x, 4x CLV, 8x PCAV
DVD-RW	1x, 2x, 4x, 6x CLV
DVD-RAM	2x, 3x CLV, 5x, 12x PCAV
DVD+R	2.4x, 4x CLV, 8x ZCLV, 8x, 12x PCAV, 16x CAV
DVD+R DL	2.4x, 4x CLV, 8x PCAV
DVD+RW	2.4x, 4x, 6x CLV, 8x ZCLV
CD-R	8x, 16x CLV, 24x, 32x, 40x PCAV, 48x CAV
CD-RW	4x, 10x, 16x CLV, 24x ZCLV

TRANSFER RATES - READ

BD-ROM (SL/DL)	10x/ 8x CAV
BD-R (SL L to H)	6x CAV
BD-R (SL/DL)	10x/ 8x CAV
BD-RE (SL/DL)	8x/ 6x CAV
BDMV (AACs Compliant Disc)	4.8x CAV
DVD-R (SL/DL)	16x/ 12x CAV
DVD-RW	12x CAV
DVD+R (SL/DL)	16x/ 12x CAV
DVD-RAM	2x, 3x CLV, 5x, 12x PCAV
DVD+RW	12x CAV
DVD-VIDEO (CCS Compliant Disc)	12x/ 8x CAV (SL/DL)
CD-R/RW/ROM	48x/ 40x/ 48x CAV
CD-DA (DAE)	40x CAV
80mm CD	16x CAV

LIGHTSCRIBE

Supported disc formats	LightScribe MV1.2-N Single Layer
DVD +/- R Media	LightScribe MV1.2-N Single Layer
Printing Time	860 TPI: Full Label - less than 28 min. 860 TPI: Title Label - less than 3:30 min.
Pixel Resolution	600 DPI
Track Resolution	Best Mode: 860 TPI Normal Mode: 630 TPI Draft Mode: 400 TPI
Max Laser Write Power	40mW as objective emission of light of 780nm wavelength
Color	Mono, Color BG

ACCESS TIME

BD-ROM	180 ms typ.
DVD-ROM	160 ms typ.
DVD-RAM	180 ms typ.
CD-ROM	150 ms typ.

SUSTAINED TRANSFER RATE

BD-ROM	359.65 Mbits/s (10x) max.
DVD-ROM	22.16 Mbytes/s (16x) max.
CD-ROM	7,200 kB/s (48x) max.

OTHER

Host Interface	Serial ATA bus interface (Serial ATA 1.1a) X3T13 ATA/ ATAPI7/ 1532D INF-8090i Ver. 6.1 INCITS xxx T10/1675D Revision 4
----------------	---------------------------------------------------------------------------------------------------------------------------------

OTHER (CONTINUED)

Burst Transfer Rate	1.5Gbps bits/s (10b side) 1.2Gbps bits/s (8b side)
Buffer Size	4MB Under-run prevention function embedded
Compliance	RoHS
Operating Systems	Windows Vista™, Windows XP,
System Requirements	CPU: Intel® Pentium® 4 D 3.2GHz or higher (with USB 2.0) Intel Pentium 4 Core 2 Duo TE6300 or higher IBM® PC or compatible for basic performance Graphic: AACs Compliance RAM: 1GB or higher HDD: 60GB or more of available space

DIMENSIONS & WEIGHTS

Dimensions (WxHxD)	5.7" x 1.6" x 6.8" (146 x 41.3 x 172 mm)
Weight	1.8 lbs (800g)

SOFTWARE

CyberLink Power2Go	•
CyberLink PowerDVD	•
CyberLink PowerBackup	•
CyberLink PowerProducer	•

WARRANTY/UPC

Limited Warranty	1 Year Limited Warranty on Optical Drives
UPC	TBD

LG.com

LG Electronics U.S.A., Inc.

1000 Sylvan Avenue Englewood Cliffs, NJ 07632
Customer Service and Technical Support: (800) 243-0000

Dimensions and weights are approximate. Design, features and specifications subject to change without notice.

© 2010 LG Electronics USA, Inc. All rights reserved. "LG Life's Good" is a registered trademark of LG Corp. All other product and brand names are trademarks or registered trademarks of their respective companies. 09/29/10