

BLU-RAY DISC REWRITER

BH12LS38

OPTICAL
DRIVE

Blu-ray™ Disc Rewriter

Internal SATA 12x Super Multi Blue LightScribe



Read and write Blu-ray discs at 12x with the BH12LS38 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 BH12LS38 by LG.

12X BD-R 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

4 MB BUFFER UNDER-RUN PREVENTION FUNCTION EMBEDDED

 RoHS COMPLIANT

CYBERLINK SOFTWARE INCLUDED

- Power2Go
- PowerDVD
- PowerBackup
- PowerProducer



BLU-RAY DISC			DVD						CD		
12x	2x	10x	16x	8x	6x	12x	16x	8x	48x	24x	48x
BD-R (S/DL) MAX WRITE	BD-RE MAX WRITE	BD-ROM MAX READ	DVD±R MAX WRITE	DVD+RW MAX WRITE	DVD-RW MAX WRITE	DVD-RAM MAX WRITE	DVD-ROM MAX READ	DVD±R DL MAX WRITE	CD-R MAX WRITE	CD-RW MAX WRITE	CD-ROM MAX READ

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THE SUPER MULTI BLUE ADVANTAGE

Multi Blue Compatibility

LG Super Multi Blue optical drives can read and write four types of disc formats in one convenient package:

1. DVD+R
2. RW DVD-R
3. RW DVD-RAM
4. Blu-Ray Disc

This gives you the option to choose the media best suited for each task.

Blu-Ray

Blu-ray Disc is the next generation in optical storage, offering 25GB and 50GB of storage capacity on a disc.

Serial ATA Technology

Serial ATA is a 1.5Gbps evolutionary replacement for the Parallel ATA physical storage interface used to connect storage devices, such as hard disks, DVD and CD rewriters to the PC motherboard. Serial ATA is scalable, enables design of smaller PCs, and will allow future enhancements to the computing platform.

LightScribe Technology

LightScribe gives you the ability to create customized labels that are etched directly onto a special coated LightScribe disc (sold separately).

TECHNICAL SPECIFICATIONS

TYPE	Super Multi Blue Internal SATA 12x Blu-ray Disc Rewriter	
TRANSFER RATES-WRITE	BD-R (SL)	2x, 4x CLV, 6x, 8x, 10x PCAV, 12x PCAV
	(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 (SL)	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-ROM (SL/DL)	16x / 12x CAV
	DVD-R (SL/DL)	16x / 12x CAV
	DVD-RW (SL)	12x CAV
	DVD+R (SL/DL)	16x / 12x CAV
	DVD+RW (SL/DL)	12x CAV
	DVD-RAM	2x, 3x CLV, 5x, 12x PCAV
	DVD-Video (CSS Compliant Disc)	12x / 8x CAV (SL/DL)
	CD-R/RW/ROM	48x / 40x / 48x CAV
	CD-DA (DAE)	40x CAV
	80mm CD	16x CAV
SPECIAL FEATURES	LightScribe Disc Labeling	
ACCESS TIME	BD-ROM	180 ms typ.
	DVD-ROM	160 ms typ.
	DVD-RAM	180 ms typ.
	CD-ROM	150 ms typ.
SUSTAINED 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.
BURST TRANSFER RATE	1.5Gbps bits/s (10b side)	
	1.2Gbps bits/s (8b side)	
BUFFER SIZE	4 MB Buffer Under-run prevention function embedded	
HOST INTERFACE	Serial ATA (Serial ATA 1.1a)	
COMPLIANCE	RoHS	
OPERATING SYSTEMS	Windows XP, Windows Vista™, Windows 7	
DIMENSIONS (W x H x D)	5.7" x 1.6" x 6.8" (146 x 41.3 x 172mm)	
WEIGHT	1.8 lb (800g)	
SOFTWARE	CyberLink Power2Go CyberLink PowerDVD CyberLink PowerBackup CyberLink PowerProducer	
UPC	058231302523	

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LG Electronics U.S.A., Inc.
Commercial Displays
2000 Millbrook Drive
Lincolnshire, IL 60069

Customer Service: 888.865.3026
www.LGolutions.com/support

Contact your LG Regional Sales Representative
Hospitality: 800.228.1236
Vertical Markets: 800.897.8788
Channel: 800.897.8871
E-mail: info@LGolutions.com

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