

BLU-RAY DISC REWRITER

BH10LS30

OPTICAL
DRIVE

Blu-ray™ Disc Rewriter

Internal SATA 10x Super Multi Blue
LightScribe



Read and write blu-ray discs at 10x with the BH10LS30 Blu-ray rewriter that allows you record Up to 50GB of files, photos, or business documents onto a single dual layer BD-R blu-ray 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 BH10LS30 by LG.

10X BD-R READ AND WRITE CAPABILITY

SERIAL ATA INTERFACE

LIGHTSCRIBE DIRECT DISC LABELING

MAX. 16X DVD±R WRITE SPEED

BLU-RAY, DVD, AND CD FAMILY READ/WRITE COMPATIBLE

2 MB BUFFER UNDER-RUN PREVENTION
FUNCTION EMBEDDED



BLU-RAY DISC			DVD						CD		
10x	2x	8x	16x	8x	6x	12x	16x	8x	48x	24x	48x
BD-R [SL/DL] MAX WRITE	BD-RE MAX WRITE	BD-ROM [SL/DL] 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 10x Blu-ray Disc Rewriter
TRANSFER RATES-WRITE	
BD-R (SL/DL)	2x, 4x CLV, 6x, 8x, 10x PCAV / 2x, 4x CLV, 6x, 8x PCAV
BD-R (SL)	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	6x CAV
BD-R (SL/DL)	10x / 8x CAV
BD-RE (SL/DL)	8x / 6x CAV
BDMV	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	4.8x CAV (SL/DL)
CD-R/RW/ROM	48x / 40x / 48x CAV
CD-DA (DAE)	40x CAV
80mm CD	16x CAV
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	287.72 Mbits/s (8x) 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	
	2 MB Buffer Under-run prevention function embedded
HOST INTERFACE	
	Serial ATA bus interface
	X3T13 ATA/ATAPI7 / 1532D
	INF-8090i Ver.6.1
	INCITS xxx T10/1675D Revision 4
OPERATING SYSTEMS	
	Windows Vista™, Windows XP
DIMENSIONS (W x H x D)	
	5.7" x 1.6" x 6.8" (146 x 41.3 x 172 mm)
WEIGHT	
	1.8 lbs (800G)

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

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