

BLU-RAY DISC REWRITER

BH08LS20

OPTICAL
DRIVE

Blu-ray™ Disc Rewriter

Internal SATA 8x Super Multi Blue LightScribe



Read and write Blu-ray discs at 8x with the BH08LS20 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 BH08LS20 by LG.

8X 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

2 MB BUFFER UNDER-RUN PREVENTION FUNCTION EMBEDDED



BLU-RAY DISC			DVD						CD		
8x	2x	8x	8x	8x	6x	5x	8x	6x	24x	24x	24x
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	CDRW MAX WRITE	CDROM 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 8x Blu-ray Disc Rewriter	
TRANSFER RATES-WRITE	BD-R (SL/DL)	2x, 4x CLV, (6xPCAV), 8xCAV / 2x, 4x CLV, (6x PCAV)
	BD-R (SL)	4x CLV
	BD-RE (SL/DL)	2x/ 2x CLV
	DVD-R	2x, 4x CLV, 8x ZCLV, 8x, 12x PCAV, 16x CAV
	DVD-R DL	2x, 4x CLV
	DVD-RW (SL)	1x, 2x, 4x, 6x CLV
	DVD-RAM	2x, 3x CLV, 3-5x PCAV
	DVD+R	2.4x, 4x CLV, 8x ZCLV, 8x, 12x PCAV, 16x CAV
	DVD+R DL	2.4x, 4x CLV
	DVD+RW (SL)	2.4x, 4x, 6x CLV, 8x ZCLV
	CD-R	8x, 16x CLV, 24x, 32x PCAV, 40xCAV
	CD-RW	4x, 10x, 16x CLV, 24x ZCLV
TRANSFER RATES - READ	BD-ROM (SL/DL)	8x, 6x / 4.8x CAV
	BD-R (SL)	2x CLV/ 4x CLV
	BD-R (S/DL)	8x, 6x / 4.8x CAV
	BD-RE (SL/DL)	2.3x CLV, (4.8x CAV)/2x CLV, (4.8x CAV)
	BDMV	4.8x CAV
	DVD-ROM (SL/DL)	16x / 8x CAV
	DVD-R (SL/DL)	12x / 8x CAV
	DVD-RW (SL)	10x CAV
	DVD+R (SL/DL)	12x / 8x CAV
	DVD+RW (SL/DL)	10x CAV
	DVD-RAM	2x, 3x ZCLV, 3x-5x PCAV
	DVD-Video	8x CAV (SL/DL)
	CD-R/RW/ROM	40x 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 Mbytes/s (8x) max.
	DVD-ROM	22.16 Mbytes/s (16x) max.
	CD-ROM	6,000 kB/s (40x) 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 7.3" (146 x 41.3 x 185mm)	
WEIGHT	2.0 LBS (900G)	
UPC	AVAR00B (Retail)	0 48231 31163 2
	AVAU00B (Bulk)	0 48231 31609 5

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

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