

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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TECHNOLOGY

SPECIFICATIONS