

## OPTICAL DRIVE

# BE08LU20

BLU-RAY™ DISC REWRITER

External eSATA 8x  
Super Multi Blue LightScribe



### FEATURES

EXTERNAL - CONNECTS VIA  
ESATA & USB 2.0

LIGHTSCRIBE DIRECT DISC LABELING

8X BD-R READ AND WRITE CAPABILITY

MAX. 16X DVD±R WRITE SPEED

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

4MB BUFFER UNDER-RUN PREVENTION  
FUNCTION EMBEDDED



## PLUG AND BURN BLU

The LG Super Multi Blue BE08LU20 external Blu-ray rewriter features eSATA and USB connectivity with 8x BD-R write speeds.

Simply plug in and record up to 50GB of files, photos, or business documents onto a dual layer BD-R disc. LightScribe gives you the added feature of creating customized labels that are etched onto a special coated LightScribe disc (sold separately).

With Blu-ray, DVD and CD burning capabilities, the BE08LU20 gives you the option to choose the media best suited for each task.



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## BE08LU20

BLU-RAY™ DISC REWRITER



**LG**

Life's Good

### 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                   | EXTERNAL BLU-RAY DISC REWRITER                    |                                                                                    |
|------------------------|---------------------------------------------------|------------------------------------------------------------------------------------|
| TRANSFER RATES-WRITE   | BD-R (SL/DL)                                      | 2x, 4x CLV, 6x, 8x PCAV / 2x, 4x CLV, 6x PCAV, 8x CAV                              |
|                        | BD-R (SL L to H)                                  | 2x CLV                                                                             |
|                        | BD-RE (SL/DL)                                     | 2x CLV/ 2x CLV                                                                     |
|                        | DVD-R                                             | 2x, 4x CLV, 8x, 12x PCAV, 16x CAV                                                  |
|                        | DVD-R DL                                          | 2x, 4x CLV                                                                         |
|                        | DVD-RW                                            | 1x, 2x, 4x, 6x CLV                                                                 |
|                        | DVD-RAM                                           | 2x, 3x CLV, 3-5x PCAV                                                              |
|                        | DVD+R                                             | 2.4x, 4x CLV, 8x, 12x PCAV, 16x CAV                                                |
|                        | DVD+R DL                                          | 2.4x, 4x CLV                                                                       |
|                        | 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)                                     | 8x / 8x CAV                                                                        |
|                        | BD-R (SL L to H)                                  | 4x CAV                                                                             |
|                        | BD-R (SL/DL)                                      | 8x / 8x CAV                                                                        |
|                        | BD-RE (SL/DL)                                     | 4.8x / 4.8x CAV                                                                    |
|                        | BDMV (AACs CompliantDisc)                         | 4.8x CAV                                                                           |
|                        | DVD-ROM(SL/DL)                                    | 16x / 12x CAV                                                                      |
|                        | DVD-R (SL/DL)                                     | 16x / 8x CAV                                                                       |
|                        | DVD-RW                                            | 10x CAV                                                                            |
|                        | DVD+R (SL/DL)                                     | 16x / 8x CAV                                                                       |
|                        | DVD+RW                                            | 10x CAV                                                                            |
|                        | DVD-RAM                                           | 2x, 3x CLV, 3x-5x PCAV                                                             |
|                        | DVD-Video (CSS CompliantDisc)                     | 4.8x CAV (SL/DL)                                                                   |
|                        | CD-R/RW/ROM                                       | 48x / 40x / 48x CAV                                                                |
|                        | CD-DA (DAE)                                       | 40x CAV                                                                            |
| LIGHTSCRIBE            | Supported disc formats                            | LightScribe MV1.2-N Single Layer DVD +/- R Media<br>LightScribe MV1.2-N CD-R Media |
|                        | Printing Time                                     | 745 TPI: Full Label-less than 28 min.<br>745 TPI: Title Label-less than 3.30min.   |
|                        | Pixel Resolution                                  | BestMode: 745 TPI<br>NormalMode: 535 TPI<br>DraftMode: 400 TPI                     |
|                        | Max LaserWrite Power                              | 35mW as Objective emission light of 780nm wavelength                               |
|                        | Color                                             | Mono, Color BG                                                                     |
| ACCESS TIME            | BD-ROM                                            | 180ms (typ.)                                                                       |
|                        | DVD-ROM                                           | 160ms (typ.)                                                                       |
|                        | DVD-RAM                                           | 180ms (typ.)                                                                       |
|                        | CD-ROM                                            | 150ms (typ.)                                                                       |
| SUSTAINED RATE         | BD-ROM                                            | 287.72Mbits/s (8x) max.                                                            |
|                        | DVD-ROM                                           | 22.16Mbytes/s (16x) max.                                                           |
|                        | CD-ROM                                            | 7,200 kB/s (48x) max.                                                              |
| BURST RANSFER RATE     | 1.5Gbps bits/s (10b side)                         |                                                                                    |
|                        | 1.2Gbps bits/s (8b side)                          |                                                                                    |
| BUFFER SIZE            | 4MB Buffer Under-run prevention function embedded |                                                                                    |
| HOST INTERFACE         | External (Host)                                   | eSATA & USB 2.0 (480Mbits/s)                                                       |
|                        | INTERNAL (DRIVE)                                  | X3T13 ATA/ATAPI7 / 1532D                                                           |
|                        |                                                   | INF-8090I VER.6.1<br>INCITS xxx T10/1675D Revision 4                               |
| OPERATING SYSTEM       | Windows Vista™, Windows XP                        |                                                                                    |
| SYSTEM REQUIREMENTS    | CPU: Pentium 4 D 3.2GHz or Higher (with USB 2.0)  |                                                                                    |
|                        | Pentium 4 Core 2 Duo TE6300 or higher             |                                                                                    |
|                        | IBM PC or Compatible for basic performance        |                                                                                    |
|                        | Graphic: AACs Compliance                          |                                                                                    |
|                        | RAM: 1GB or Higher                                |                                                                                    |
| DIMENSIONS (W X H X D) | HDD: 60GB or more of available space              |                                                                                    |
|                        | 6.4" x 2.0" x 10.2" (163 x 50 x 260mm)            |                                                                                    |
| WEIGHT                 | 3.3lbs (1500G)                                    |                                                                                    |

[www.LGusa.com](http://www.LGusa.com)

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

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