

BLU-RAY DISC REWRITER

WH12LS30

OPTICAL  
DRIVE

# Blu-ray™ Disc Rewriter

## Internal SATA 12x Super Multi Blue LightScribe



Read and write blu-ray discs at 12x with the WH12LS30 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 WH12LS30 by LG.

12X 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

4MB BUFFER UNDER-RUN PREVENTION  
FUNCTION EMBEDDED



BLU-RAY DISC			DVD						CD		
<b>12x</b>	<b>2x</b>	<b>10x/8x</b>	<b>16x</b>	<b>8x</b>	<b>6x</b>	<b>12x</b>	<b>16x</b>	<b>8x</b>	<b>48x</b>	<b>24x</b>	<b>48x</b>
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 writers 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

<b>TYPE</b>	Super Multi Blue Internal SATA 12x Blu-ray Disc Rewriter	
<b>TRANSFER RATES-WRITE</b>	BD-R (SL/DL)	2x, 4x CLV, 6x, 8x, 10x PCAV, 12x CAV / 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	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
<b>TRANSFER RATES - READ</b>	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
<b>ACCESS TIME</b>	BD-ROM	180 ms typ.
	DVD-ROM	160 ms typ.
	DVD-RAM	180 ms typ.
	CD-ROM	150 ms typ.
<b>SUSTAINED RATE</b>	BD-ROM	359.65 Mbits/s (10x) max.
	DVD-ROM	22.16 Mbytes/s (16x) max.
	CD-ROM	7,200 kB/s (48x) max.
<b>BURST TRANSFER RATE</b>	1.5Gbps bits/s (10b side) 1.2Gbps bits/s (8b side)	
<b>BUFFER SIZE</b>	4MB Buffer Under-run prevention function embedded	
<b>HOST INTERFACE</b>	Serial ATA bus interface X3T13 ATA/ATAPI7 / 1532D INF-8090i Ver.6.1 INCITS xxx T10/1675D Revision 4	
<b>OPERATING SYSTEMS</b>	Windows Vista™, Windows XP	
<b>DIMENSIONS (W x H x D)</b>	5.7" x 1.6" x 6.8" (146 x 41.3 x 172 mm)	
<b>WEIGHT</b>	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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Printed in the USA. February 2011



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