

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		
12x	2x	10x/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 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

TYPE	Super Multi Blue Internal SATA 12x Blu-ray Disc Rewriter	
TRANSFER RATES-WRITE	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
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	359.65 Mbits/s (10x) 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	4MB 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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SPEC_WH12LS30_021117_b

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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TECHNOLOGY

SPECIFICATIONS