

DVD REWRITER

GH24NS90

OPTICAL
DRIVE

DVD Rewriter

Internal 24x Super Multi with M-DISC™ Support



THE SUPER-MULTI ADVANTAGE

The LG Super-Multi GH24NS90 DVD Rewriter features a 24x DVD+R write speed, 48x CD-R write speed and supports M-DISC for superior reliability in data storage. Designed for storage needs that demand consistency, the GH24NS90 read and write in CD, DVD+R, DVD+RW, DVD RAM formats giving you the option to choose the media best suited for each task.

MAX. 24X DVD±R WRITE SPEED

SUPER-MULTI: CD-R/RW/DVD-R/-R/DL/-RW/+R/+R DL/+RW/RAM READ AND WRITE COMPATIBLE, CD FAMILY AND DVD-ROM READ COMPATIBLE

M-DISC SUPPORT

1.5MB BUFFER MEMORY



DVD									CD		
24x	8x	6x	4x	12x	16x	12x	12x	12x	48x	32x	48x
DVD±R MAX WRITE	DVD+RW MAX WRITE	DVD-RW MAX WRITE	M-DISC MAX WRITE	DVD-RAM MAX WRITE	DVD-ROM MAX READ	DVD+R DL MAX WRITE	DVD-R DL MAX WRITE	M-DISC MAX READ	CD-R MAX WRITE	CD-RW MAX WRITE	CD-ROM MAX READ

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THE SUPER MULTI ADVANTAGE

Triple Compatibility

LG SuperMulti DVD Rewriter - SuperMulti optical drives can read and write three types of DVD formats in one convenient package:

1. DVD+R
2. RW DVD-R
3. RW DVD-RAM

This gives you the option to choose the media best suited for each task.

M-DISC

Compared to other recordable DVDs on the market today, M-DISC offers superior reliability in data storage that provides the permanent optical data storage solution.

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.

TECHNICAL SPECIFICATIONS

TYPE	Internal DVD-RW/CD-RW Drive
TRANSFER RATES - WRITE (MAX)	
DVD+R	2.4x, 4x, 8x, 16x, 24x
DVD+RW	2.4x, 4x, 6x, 8x
DVD-R	2x, 4x, 8x, 16x, 24x
DVD-RW	2x, 4x, 6x
DVD+R DL	2.4x, 4x, 8x
DVD-R DL	4x, 8x
DVD-RAM	2x, 3x, 5x, 6x, 8x, 12x (Ver. 2.0 & Higher)
M-DISC	4x
CD-R	16x, 32x, 40x, 48x
CD-RW	4x, 10x, 16x, 24x, 32x
TRANSFER RATES - READ (MAX)	
DVD-ROM (Single/Dual)	16x/12x max
DVD-VIDEO	6x max. (Single/Dual layer) (CSS Compliant Disc)
DVD-R/-RW/-R DL	16x/13x/12x max.
DVD+R/+RW/+R DL	16x/13x/12x max.
DVD-RAM (Ver. 2.2)	6x, 12x
M-DISC	12x
CD-R/RW/ROM	48x/40x/48x max.
CD-DA (DAE)	40x max.
ACCESS TIME (RANDOM)	
DVD-ROM (SL/DL)	145/220 ms typ.
DVD-RAM (Ver. 2.2)	270 ms typ.
CD-ROM	125 ms typ.
SUSTAINED TRANSFER RATE	
DVD-ROM	22.16 Mbytes/s (16x) max.
CD-ROM	7,200 kB/s (48x) max.
BUFFER SIZE	1.5MB Under-run prevention function embedded
HOST INTERFACE	SATA
OPERATING SYSTEMS	Windows Vista™, Windows XP, Windows 7
DIMENSIONS (WxHxD)	5.7" x 1.6" x 6.5" (146 x 41.3 x 165 mm)
WEIGHT	1.54 lbs (700g)
WARRANTY	1 Year Limited Warranty on Optical Drives Call Toll-Free 800.243.0000

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SPEC_GH24NS90_021231_PR

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

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Printed in the USA. March 2012



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TECHNOLOGY

SPECIFICATIONS