



# GH20NS10

## Internal Super-Multi SecurDisc™ DVD Rewriter



### PROTECT YOUR DATA

The LG Super-Multi GH20NS10 internal DVD Rewriter features 20x DVD±R write speed and SecurDisc™ technology. SecurDisc™ is an innovative technology which provides five levels of security to protect and share data securely. Designed for storage needs that demand consistency, the GH20NS10 reads and writes in CD, DVD±R, DVD±RW, and DVD RAM formats. Burn and guard your data with the LG GH20NS10.

### KEY FEATURES

- SecurDisc™ Technology [Password Protection, Digital Signature, Data Reliability, Data Integrity check, Copy Protection]
- Max. 20x DVD±R Write Speed
- Serial ATA interface
- CD Family and DVD-ROM read compatible
- Buffer Under-run prevention function embedded
- Windows Vista™ compatible

#### DVD

**20x**  
DVD±R  
Max Write

**8x**  
DVD+RW  
Max Write

**6x**  
DVD-RW  
Max Write

**12x**  
DVD-RAM  
Max Write

**16x**  
DVD-ROM  
Max Read

**12x**  
DVD+R DL  
Max Write

**12x**  
DVD-R DL  
Max Write

#### CD

**48x**  
CD-R  
Max Write

**32x**  
CD-RW  
Max Write

**48x**  
CD ROM  
Max Read



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## SPECIFICATIONS

<b>TYPE</b>	Internal DVD-RW/CD-RW Drive			<b>ACCESS TIME</b>	DVD-ROM	145 ms typ. (190 ms Limit)
<b>TRANSFER RATES – WRITE</b>	DVD-R	2x, 4x, 6x CLV, 8x ZCLV, 8x, 12x, 16x PCAV, 18x, 20x CAV			DVD-ROM DL	220 ms typ. (300 ms Limit)
	DVD-R DL	2x, 4x, 6x CLV, 8x, 10x, 12x ZCLV			CD-ROM	125 ms typ. (180 ms Limit)
	DVD-RW	1x, 2x, 4x, 6x CLV			DVD-RAM (Ver.2.2)	270 ms typ. (400 ms Limit)
	DVD-RAM	2x, 3x ZCLV, 3x-5x PCAV (Ver.2.2), 6x ZCLV, 6x-8x PCAV, 6x-12x PCAV		<b>SUSTAINED TRANSFER RATE</b>	DVD-ROM	22.16 Mbytes/s (16x) max.
	DVD+R	2.4x, 4x, 6x CLV, 8x ZCLV, 8x, 12x, 16x PCAV, 18x, 20x CAV			CD-ROM	7,200 kB/s (48x) max.
	DVD+R DL	2.4x, 4x, 6x CLV, 8x, 10x, 12x ZCLV		<b>BUFFER SIZE</b>		2MB
	DVD+RW	2.4x, 4x, 6x CLV, 8x ZCLV (High Speed DVD+RW: 6x CLV, 8x ZCLV)		<b>HOST INTERFACE</b>		Serial ATA
	CD-R	4x, 8x, 16x CLV, 24x, 32x, 40x PCAV, 48x CAV		<b>OPERATING SYSTEMS</b>	Windows Vista™, Windows XP, Windows 2000 Professional, Windows ME	
	CD-RW	4x, 10x, 16x CLV, 24x, 32x ZCLV (High Speed: 10x, Ultra Speed: 16x, 24x, US Plus: 16x, 24x, 32x)		<b>DIMENSIONS (W x H x D)</b>	5.7" x 1.6" x 6.5"	146 x 41.3 x 165 mm
				<b>WEIGHT</b>	1.76 lbs	800g
<b>TRANSFER RATES – READ</b>	DVD-R/RW/ROM(SL/DL)	16x/13x/16x/12x max.		<b>UPC CODE</b>	0 48231 29962 6	
	DVD-R DL	12x max.				
	DVD-RAM (Ver.1.0/2.2)	2x/ 2x, 3x-5x PCAV, 6x CLV, 6x-8x PCAV, 6x-12x PCAV				
	DVD-Video (CSS Compliant Disc)	4.8x max. (Single/Dual layer)				
	DVD+R/+RW	16x / 13x max.				
	DVD+R DL	12x max.				
	CD-R/RW/ROM	48x/40x/48x max.				
	CD-DA (DAE)	40x max.				
	80 mm CD	10x max.				



Super Multi optical drives can read and write three types of DVD formats in one convenient package – DVD+R, DVD-R and DVD-RAM. This gives you the option to choose the media best suited for each task.

Super-Multi Internal LightScribe Blu-ray Disc Rewriter / HD DVD-ROM Drive



20x Internal LightScribe SecurDisc™ DVD Rewriter



Super-Multi Slim Notebook DVD Rewriter



CD-RW/DVD-ROM Combo

## WARRANTY

- 1 Year Limited Warranty on Optical Drives
- 48 Hour Swap Program available
- Call Toll-Free 1-800-243-0000

## CONTACT US

- For more information, please visit [www.LGUSA.com](http://www.LGUSA.com)
- Resellers, please visit [www.LGcommercial.com](http://www.LGcommercial.com)
- Phone: 201-816-2000, 800-243-0000

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