

DVD REWRITER

GE20LU10

OPTICAL  
DRIVE

## DVD Rewriter



## External Super-Multi DVD Rewriter with LightScribe and SecurDisc™

PLUG AND BURN

The LG Super-Multi GE20LU10 external optical disc drive features USB connectivity and 20x DVD±R write speeds. LightScribe gives you the added feature of creating customized labels that are etched onto a special coated LightScribe discs. (sold separately) SecurDisc allows you to protect and share data securely. Designed for storage needs that demand consistency, the GE20LU10 reads and writes in CD, DVD±R, DVD±RW, and DVD RAM formats. Plug in, burn and protect your data with LG.

EXTERNAL - CONNECTS VIA USB2.0

LIGHTSCRIBE TECHNOLOGY

SECURDISC TECHNOLOGY

MAX. 20X DVD±R WRITE SPEED

MAX. 48X CD WRITE SPEED

SUPPORTS DOUBLE LAYER DVD+R,  
DUAL LAYER-R DISCS (8.5GB)

WINDOWS VISTA™ COMPATIBLE



DVD							CD		
<b>20x</b> DVD±R MAX WRITE	<b>8x</b> DVD+RW MAX WRITE	<b>6x</b> DVD-RW MAX WRITE	<b>12x</b> DVD-RAM MAX WRITE	<b>16x</b> DVD-ROM MAX READ	<b>12x</b> DVD+R DL MAX WRITE	<b>12x</b> DVD-R DL MAX WRITE	<b>48x</b> CD-R MAX WRITE	<b>32x</b> CD-RW MAX WRITE	<b>48x</b> CD-ROM MAX READ

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



## THE SUPER MULTI ADVANTAGE

### Perfect Compatibility

LG Super Multi DVD Rewriter – Super Multi 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.

### SecurDisc - Super Multi Security

SecurDisc is an innovative technology which provides data protection and content access control on media against unauthorized use through an optical drive-software combined solution. As a result, SecurDisc provides superior defense against unauthorized access and unauthorized manipulation of sensitive data.

1. Password Protection – Helps stop unwanted access to your data
2. Digital Signature – Verifies the authenticity of your files
3. Data Reliability – Saves your data if a disc is damaged
4. Data Integrity Check – Warns you when your disc is at risk of disc decay
5. Copy Protection – Helps stop unwanted copying of your files

### 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 DVD-RW/CD-RW Drive	
<b>TRANSFER RATES—WRITE</b>	DVD-R	2x, 4x, 6x CLV, 8x ZCLV, 8x, 12x, 16x P-CAV, 18x, 20x CAV
	DVD-R DL	2x, 4x, 6x CLV, 8x, 10x, 12x ZCLV
	DVD-RW	1x, 2x, 4x, 6x CLV
	DVD-RAM	2x, 3x ZCLV, 3x-5x P-CAV (Ver.2.2), 6x ZCLV, 6x-8x P-CAV, 6x-12x P-CAV
	DVD+R	2.4x, 4x, 6x CLV, 8x ZCLV, 8x, 12x, 16x P-CAV, 18x, 20x CAV
	DVD+R DL	2.4x, 4x, 6x CLV, 8x, 10x, 12x ZCLV
	DVD+RW	2.4x, 4x, 6x CLV, 8x ZCLV (High Speed DVD+RW: 6x CLV, 8x ZCLV)
	DVD+RW DL	2x
	CD-R	4x, 8x, 16x CLV, 24x, 32x, 40x P-CAV, 48x CAV
	CD-RW	4x, 10x, 16x CLV, 24x, 32x ZCLV (High Speed: 10x, Ultra Speed: 16x, 24x, US Plus: 16x, 24x, 32x)
<b>TRANSFER RATES - READ</b>	DVD-R/RW/ROM(SL/DL)	16x/13x/16x/12x max
	DVD-R DL	12x max
	DVD-RW DL	4.8x max
	DVD-RAM (Ver. 1.0/2.2)	2x/2x, 3x-5x P-CAV, 2x/2x, 3x-5x P-CAV
	DVD-Video	4.8x max (Single/Dual layer)
	(CSS Compliant Disc)	
	DVD+R/+RW	16x/13x max
	DVD+R DL	12x max
	CD-R/RW/ROM	48x/40x/48x max
	CD-DA (DAE)	40x max
	80MM CD	10x max
<b>LIGHTSCRIBE</b>	Pixel Resolution	600 [DPI]
	Track Resolution	400~2000 [TPI]
	Linear Velocity	0.25~1.4 [m/sec]
	Laser Power	40[mW] as Objective emission light of 780nm wavelength
	Color	Monochrome
<b>SECURDISC</b>	Media	CD-R, CD-RW, DVD+R, DVD-R, DVD+RW, DVD-RW, DVD+R DL, DVD-R Dual, DVD-RAM
	Password Protection	
	Digital Signature	
	Data Integrity Check	
	Data Reliability (Not 100% Proof)	
	Copy Protection (PDF file only, except CD-R, CD-RW media)	
	Only use Bundle Tool Software (Ref. www.securdisc.net)	
<b>ACCESS TIME</b>	DVD-ROM	160 ms typ
	DVD-ROM DL	220 ms typ
	CD-ROM	125 ms typ
	DVD-RAM (Ver.2.2)	270 ms typ
<b>SUSTAINED RATE</b>	DVD-ROM	22.16 Mbytes/s (16x) max
	CD-ROM	7,200 kB/s (48x) max
<b>BURST TRANSFER RATE</b>	SATA Gen. 1	1.5 Gbps
<b>BUFFER SIZE</b>	2MB Under-run prevention function embedded	
<b>HOST INTERFACE</b>	External (Host)	USB 2.0 (480Mbits/s)
	Internal (Drive)	T13 ATA/ATAPI-7 MMC-5, INF-8090i v7
<b>OPERATING SYSTEMS</b>	Windows Vista, Windows XP, Windows 2000 Professional	
<b>SYSTEM REQUIREMENTS</b>	CPU: Pentium® III 1.0GHz or Higher (with USB 2.0)	
	RAM: 256MB or Higher	
	HDD: 20GB or more of available space	
<b>DIMENSIONS (WxHxD)</b>	6.3" x 2.0" x 9.1" (160 x 50 x 230 mm)	
<b>WEIGHT</b>	3.3. lbs (1500g)	
<b>UPC</b>	0 48231 30216 6	

www.LGcommercial.com

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Printed in the USA. October 2008



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TECHNOLOGY

SPECIFICATIONS