DVD REWRITER

GH22NS30
GH22LS30*

OPTICAL DRIVE

DVD Rewriter



Internal 22x SATA Super-Multi SecurDisc™/LightScribe

PROTECT YOUR DATA

The LG Super-Multi GH22NS30 and GH22LS30 internal SATA DVD Rewriters feature a 22x DVD±R write speed and SecurDisc technology that allows you to protect and share data securely. The GH22LS30 includes LightScribe which gives you the added feature of etching customized labels onto a special coated LightScribe disc (sold separately). Designed for storage needs that demand consistency, the GH22NS30 and GH22LS30 read and write in CD, DVD±R, DVD±RW, and DVD RAM formats. Burn and guard your data with LG.

SECURDISC TECHNOLOGY

LIGHTSCRIBE TECHNOLOGY
(IN GH22LS30 ONLY)

MAX. 22X DVD±R WRITE SPEED

SERIAL ATA INTERFACE

CD FAMILY AND DVD-ROM
READ COMPATIBLE

BUFFER UNDER-RUN PREVENTION
FUNCTION EMBEDDED

WINDOWS VISTA™ COMPATIBLE

DVD							CD		
22x	8x	6x	12x	16x	16x	12x	48x	32x	48x
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	DVD-R DL MAX WRITE	CD-R MAX WRITE	CD-RW MAX WRITE	CD-ROM MAX READ

*Only GH22LS30 model includes LightScribe

www.LGcommercial.com

Life's Good

OPTICAL DRIVE

GH22NS30
GH22LS30*

DVD REWRITER

TECHNOLOGY

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 – Stops 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 – Stops unwanted copying of your files

LightScribe Technology (GH22LS30 model)
LightScribe gives you the ability to create customized labels that are etched directly onto a special coated LightScribe disc (sold separately).

SPECIFICATIONS

TECHNICAL SPECIFICATIONS

TYPE	Internal DVD-RW/CD-RW Drive	
TRANSFER RATES–WRITE	DVD+R	2.4x, 4x (CLV), 8x (ZCLV), 12x (PCAV), 16x, 20x, *22x (CAV)
	DVD+RW	2.4x, 4x, 6x (CLV), 8x (ZCLV)
	DVD-R	2x, 4x (CLV), 8x (ZCLV), 12x (PCAV), 16x, 20x, *22x (CAV)
	DVD-RW	1x, 2x, 4x, 6x (CLV)
	DVD+R DL	2.4x, 4x (CLV), 6x, 8x (ZCLV), 10x, 12x (PCAV), 16x (CAV)
	DVD-R DL	4x (CLV), 6x, 8x (ZCLV), 10x, 12x (PCAV
	DVD-RAM	2x, 3x (CLV), 5x, 6x, 8x, 12x PCAV (Ver. 2.0 & Higher)
	CD-R	16x (CLV), 24x (ZCLV), 40x, 48x (CAV)
	CD-RW	4x, 10x, 16x (CLV), 24x, 32x (ZCLV) (High Speed: 10x, Ultra Speed ≥ 16x)
TRANSFER RATES - READ	DVD-ROM (Single/Dual)	16x/12x max
	DVD-Video (CSS Compliant Disc)	6x max (Single/Dual)
	DVD-R/- RW/- R DL	16x/12x/12x max
	DVD+R/+RW/+R DL	16x/12x/12x max
	DVD-RAM (Ver. 2.0 & Higher)	5x, 12x PCAV
	CD-R/RW/ROM	48x/40x/48x max
	CD-DA (DAE)	40x max
SecurDisc	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)	
	Only use Bundle Tool Software (www.securdisc.net)	
LIGHTSCRIBE	GH22LS30 model	
ACCESS TIME	DVD-ROM	140 ms typ.
	DVD-ROM DL	175 ms typ.
	DVD-RAM (Ver. 2.0 & Higher)	230 ms typ.
	CD-ROM	120 ms typ.
SUSTAINED TRANSFER RATE		
	DVD-ROM	22.16 Mbytes/s (16x) max.
	CD-ROM	7,200 kB/s (48x) max.
BUFFER SIZE	2M Under-run prevention function embedded	
HOST INTERFACE	Serial ATA interface (SATA)	
OPERATING SYSTEMS	Windows Vista, Windows XP, Windows Server 2003, Windows 2000 Professional	
DIMENSIONS (WxHxD)	5.7" x 1.6" x 6.5" (146 x 41.3 x 165 mm)	
WEIGHT	1.76 lbs (800g)	
UPC		
	GH22NS30	0 48231 30426 9
	GH22LS30	0 48231 30551 8

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LG Electronics U.S.A., Inc.
Commercial Products Division
2000 Millbrook Drive,
Lincolnshire, IL 60069

Customer Service: 888-.865.3026

Contact your LG Regional Sales Representative:
IT: 800.321.5501
Channel Markets: 800.897.8871
B2B: 800.897.8788
Hospitality: 800.228.1236

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