

DVD REWRITER

GH22NP20

OPTICAL
DRIVE

DVD Rewriter

Internal Super-Multi SecurDisc™



PROTECT YOUR DATA

The LG Super-Multi GH22NP20 internal DVD Rewriter features a 22x DVD±R write speed and SecurDisc technology that allows you to protect and share data securely. Designed for storage needs that demand consistency, the GH22NP20 read and write in CD, DVD±R, DVD±RW, and DVD RAM formats. Burn and guard your data with LG.

SecurDisc TECHNOLOGY
(Password Protection, Digital Signature, Data Reliability,
Data Integrity check, Copy Protection)

MAX. 22X 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



DVD							CD		
22x DVD±R MAX WRITE	8x DVD+RW MAX WRITE	6x DVD-RW MAX WRITE	12x DVD-RAM MAX WRITE	16x DVD-ROM MAX READ	16x DVD+R DL MAX WRITE	12x DVD-R DL MAX WRITE	48x CD-R MAX WRITE	40x CD-RW MAX WRITE	48x CD-ROM MAX READ

www.LGcommercial.com



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.

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

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 layer)
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)
ACCESS TIME	
DVD-ROM (SL/DL)	140/175 ms typ.
DVD-RAM (Ver. 2.0 & Higher)	200 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	2MB Under-run prevention function embedded
HOST INTERFACE	E-IDE (ATAPI)
OPERATING SYSTEMS	Windows Vista™, Windows XP, Windows 2000 Professional, Windows ME
DIMENSIONS (WxHxD)	5.7" x 1.6" x 6.5" (146 x 41.3 x 165 mm)
WEIGHT	1.76 lbs (800g)
WARRANTY	1 Year Limited Warranty on Optical Drives 48 Hour Swap Program available Call Toll-Free 800.243.000
UPC	048231300629

www.LGcommercial.com



LG
Life's Good

LG Electronics U.S.A., Inc.
Business Solutions Division
2000 Millbrook Drive
Lincolnshire, IL 60069

Channel: 1.800.897.8871
Enterprise: 1.800.897.8788
Hospitality: 1.800.228.1236
Healthcare: 1.877.793.6484
Customer Service: 1.888.865.3026
E-mail: LGcommercial@lge.com

SPEC_GH22NP20_060913_PR

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

© Copyright 2009 LG Electronics USA, Inc. All Rights Reserved. "LG Life's Good" is a registered trademark of LG Corp. Windows and Windows Vista are either a registered trademark or a trademark of Microsoft Corporation in the United States and other countries. SecurDisc are registered trademarks of Nero AG.

All other product and brand names are trademarks or registered trademarks of their respective companies.

Printed in the USA. June 2009