

PORTABLE DVD REWRITER

GP50NB40

OPTICAL
DRIVE

DVD Rewriter

Super-Multi Portable DVD Rewriter with M-DISC™

PLUG AND BURN

With a sleek design that offer portability, LG Super-Multi GP50NB40 is packed with features that offer high performance. Connect it via USB and burn CDs at 24x and DVD±Rs at 8x speeds. The GP50NB40 supports M-DISC which offers superior reliability in data storage that is perfect for archiving important data. Super-Multi technology supports CD, DVD±R, and DVD-RAM formats for triple compatibility.

PORTABLE EXTERNAL - CONNECTS VIA USB 2.0

M-DISC SUPPORT

MAX 8X DVD±R WRITE SPEED

MAX 24X CD WRITE SPEED

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

0.75MB BUFFER MEMORY WITH EMBEDDED
BUFFER UNDER-RUN PREVENTION

SUPPORTS POWER SAVING MODE AND SLEEP MODE



ROHS COMPLIANT

MODISC



DVD						CD		
8x	8x	6x	5x	8x	6x	24x	24x	24x
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	CD-R MAX WRITE	CD-RW MAX WRITE	CD-ROM MAX READ

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THE SUPER MULTI ADVANTAGE

Triple 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.

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.

TECHNICAL SPECIFICATIONS

TYPE	Portable DVD Rewriter	
TRANSFER RATES-WRITE	DVD-R	2x CLV, 4x PCAV, 8x CAV
	DVD-R DL	2x CLV, 4x PCAV, 6x PCAV
	DVD-RW	2x CLV, 4x, 6x ZCLV
	DVD-RAM	2x, 3x ZCLV, 5x PCAV(Ver.2.2) (12x Media: Not support)
	M-DISC	4x
	DVD+R	2.4x CLV, 4x PCAV, 8x CAV
	DVD+R DL	2.4x CLV, 4x PCAV, 6x PCAV
	DVD+RW	2.4x, 3.3x CLV, 4x ZCLV, 8x ZCLV (8x Speed disc: 3.3x CLV, 8x ZCLV)
	CD-R	10x CLV, 16x PCAV, 24x CAV
	CD-RW	4x, 10x CLV, 16x ZCLV, 24x ZCLV (High Speed: 10x CLV, Ultra Speed: 24x ZCLV, Ultra Speed plus: 24x ZCLV)
TRANSFER RATES - READ	DVD-R/RW/ROM	8x/8x/8x max
	DVD-R DL	8x max
	DVD-RAM (Ver. 2.2)	6x
	M-DISC	8x
	DVD-Video(CSS Compliant Disk)	4x max (Single/Dual layer)
	DVD+R/+RW	8x/8x max
	DVD+R DL	8x max
	CD-R/RW/ROM	24x/24x/24x max
	CD-DA (DAE)	24x max
ACCESS TIME	DVD-ROM	167 ms typ
	DVD-RAM (Ver.2.2)	203 ms typ
	CD-ROM	139 ms typ
SUSTAINED RATE	DVD-ROM	11.08 Mbytes/s (8x) max
	CD-ROM	3,600 kB/s (24x) max
BURST TRANSFER RATE	USB High-Speed	480Mbps(60Mbyte/s)
	USB Full-Speed	12Mbps(1.5Mbyte/s)
BUFFER SIZE	0.75MB Under-run prevention function embedded	
HOST INTERFACE	External (Host)	USB 2.0 (480Mbps/s)
OPERATING SYSTEMS	Windows 7, Windows 8, Windows Vista™, Windows XP, Mac OS® X	
COMPLIANCE	Safety UL	TUV, SEMKO, CB & IEC60825-1 Report, FDA, GOST, NOM, CSA
	EMC/EMI	CE Marking, C-Tick Mark, Korean EMC(KCC), Taiwan EMC(BSMI), VCCI, FCC
	Laser Safety	Class 1 laser product comply with DHHS rules 21 CFR Subchapter J Class 1 laser product to EN60825-1 / IEC 60825-1
DIMENSIONS (WxHxD)	5.66" x 0.68" x 5.33"	144mm x 17.5mm x 135.5mm
WEIGHT	0.46 lbs	210g
UPC	058231309133	

