

Slim Portable Blu-ray/ DVD Writer

3D Blu-ray Disc Playback &
M-DISC™ Support

▶ **BP50NB40**



The LG BP50NB40 Slim Portable Blu-ray / DVD Writer features USB 2.0 connectivity with a 6x BD-R write speed and M-DISC support. Simply plug in and record up to 100GB of files, photos, or business documents onto a BDXL(triple layer) disc. With Blu-ray, DVD and CD burning capabilities, the BP50NB40 gives you the option to choose the media best suited for each task.

External - Connects VIA USB 2.0

Silent Play
Reduces Noise from Disc Spin During Movie Playback

Supports 3D Blu-ray Disc Playback

Supports BDXL (100GB Triple Layer) Disc

Jamless Play
Smooths Out Playback of Damaged Blu-ray or DVD Discs

Max. 6X BD-R Read and Write Capability

Max. 8X DVD±R Write Speed

Blu-ray Disc (Including BDXL, M-Disc), DVD (Including M-DISC & DVD-RAM), and CD Family Read/Write Compatible

4MB Buffer Under-Run Prevention Function Embedded

RoHS Compliant

TV Connectivity

BLU-RAY DISC					DVD							CD		
6x	2x	4x	4x	6x	8x	8x	6x	5x	8x	6x	4x	24x	16x	24x
BD-R MAX WRITE	BD-RE WRITE	BD-RTL MAX WRITE	M-DISC MAX WRITE	BD-ROM MAX READ	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	M-DISC MAX WRITE	CD-R MAX WRITE	CD-RW MAX WRITE	CD-ROM MAX READ

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THE SUPER MULTI ADVANTAGES

Compatibility

LG Slim Portable Blu-ray / DVD Writer optical drives can read and write all kinds of disc formats in one convenient package:

1. BD-R/RE
2. DVD-R/-RW/+R/+RW
3. DVD-RAM
4. CD-R/RW

This gives you the option to choose the media best suited for each task.

BDXL™

The BDXL format supports high-capacity Blu-ray discs (up to 100GB write-once discs) for users that need to store a large amount of data.

M-DISC™

Compared to other recordable discs on the market today, M-DISC offers superior reliability in data storage that provides the permanent optical data storage solution.

Silent Play

As a disc is being read, Silent Play technology automatically controls the disc read speed for optimal noise reduction.

Jamless Play

A damaged disc can cause interruptions during movie playback. Jamless play technology automatically skips past damaged parts of a disc to maintain smooth playback while reducing interruptions.

TRANSFER RATES-READ (MAX)	Model	BP50NB40	
	BD-ROM (SL/DL)	6x CAV	
	BD-R (SL/DL)	6x CAV	
	BD-R (TL/QL)	6x CAV	
	BD-RE (SL/DL)	6x CAV	
	BD-RE (TL)	4x PCAV	
	BDMV (AACs Compliant Disc) (SL/DL)	6x CAV	
	DVD-ROM (SL/DL)	8x CAV	
	DVD-R (SL/DL)	8x CAV	
	DVD+R (SL/DL)	8x CAV	
	DVD-RW	8x CAV	
	DVD+RW	8x CAV	
	DVD-RAM	2x, 3x CLV, 5x PCAV	
	DVD-Video (CSS Compliant Disc) (SL/DL)	8x CAV	
	CD-R/RW/ROM	24x / 24x / 24x CAV	
	CD-DA	24x CAV	
OTHER FEATURES		Silent Play	
		Jamless Play	
		TV Connectivity (Function needs to be added)	
ACCESS TIME (1/3 STROKE)	BD-ROM	250ms typ.	
	DVD-ROM	200ms typ.	
	CD-ROM	200ms typ.	
SUSTAINED TRANSFER RATE	BD-ROM	26.97 MB/s (6x) max.	
	DVD-ROM	11.08 MB/s (8x) max.	
	CD-ROM	3.6 MB/s (24x) max.	
BURST TRANSFER RATE		USB 2.0 480 Mbps	
BUFFER SIZE		4 MB Buffer Under-run prevention function embedded	
HOST INTERFACE	External (Host)	USB 2.0 (480Mbps/s)	
	Internal (Drive)	SATA	
COMPLIANCE	RoHS	Yes	
	Safety UL	UL 60950-1 Second Edition	
	C-UL	CSA C22.2 No. 60950-1 Second Edition	
	TUV	EN 60950-1 / EN60825-1	
	SEMKO	EN 60950-1 / EN60825-1	
	EMC	CE Marking, C-Tick Mark, BSMI, VCCI, KC, CU, FCC Part 15 Class B Digital Device, ICES-003 Digital Apparatus	
	Laser Safety	Class 1 laser product comply with DHHS rules 21 CFR Subchapter J Class 1 laser product to EN60825-1/IEC 60825-1	
OPERATING SYSTEMS		Windows 8.1, Windows 8, Windows 7, Windows Vista, Windows XP	
SYSTEM REQUIREMENTS	CPU	Intel® Pentium D 3.2GHz or Higher (with USB 2.0)	
	Recommended	Intel Core 2 Duo P8600 2.4GHz or higher	
	HDD	30GB or more of available space (60GB for Blu-ray Disc authoring)	
	RAM	1GB or Higher	
	BD Movie Playback: CPU	Following CPU recommended -Intel E6400 or higher	
	Graphic Card: Card recommended with following GPU (Graphic Processing Unit)	nVidia	GeForce 7600GT or higher / GeForce 8400 or higher Graphic Card Driver shall meet AACs compliance criteria.
	ATI	ATI Radeon HD 2400 or higher Graphic Card Driver shall meet AACs compliance criteria.	
DIMENSIONS (WxHxD)		5.7" x 0.6" x 6.1" (144 x 14.6 x 156mm)	
WEIGHT		0.60 lbs. (Max 270g)	
UPC		058231312942	
CONTENTS	Slim Portable Blu-ray Writer	Yes	
	Blu-ray Drive Install Disc for Windows	Blu-ray Drive Install Disc for Windows	
		Power DVD	
		Power 2 Go	
		Power Producer Media Espresso	
USB 2.0 Cable	Yes		

TRANSFER RATES-WRITE (MAX)	Model	BP50NB40
	Type	Slim Portable Blu-ray / DVD Writer
	BD-R (SL)	2x CLV, 4x PCAV, 6x CAV
	M-Disc BD (BD-R SL)	2x CLV, 4x PCAV
	BD-R (DL)	2x CLV, 4x PCAV, 6x CAV
	BD-R (TL)	2x CLV, 4x PCAV
	BD-R (QL)	2x CLV, 4x PCAV
	BD-R (LTH)	2x CLV, 4x PCAV, 6x CAV
	BD-RE (SL/DL/TL)	2x CLV
	DVD-R (SL)	2x CLV, 4x PCAV, 8x CAV
	DVD-R (DL)	2x CLV, 4x, 6x ZCLV
	DVD+R (SL)	2.4x CLV, 4x PCAV, 8x CAV
	M-Disc DVD (DVD+RSL)	4x PCAV
	DVD+R (DL)	2.4x CLV, 6x ZCLV
	DVD+RW	2.4x, 3.3x CLV, 4x, 6x, 8x ZCLV
	DVD-RW	2x, 3x CLV, 4x, 6x ZCLV
	DVD-RAM	2x, 3x CLV, 5x PCAV
	CD-R	10x CLV, 16x, 24x CAV
	CD-RW	4x, 10x CLV, 16x ZCLV



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Customer Service: 888.865.3026
www.lg.com/us/support

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

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