

Slim Portable Blu-ray/ DVD Writer

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

▶ **BP50NB40**



BDXL™



PLAYBACK



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 (USB 3.0 Compatible)

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
BD-R MAX WRITE	BD-RE WRITE	BD-R TL 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
24x	16x	24x									
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 (T/L/QL)		6x CAV
BD-RE (SL/DL)		6x CAV
BD-RE (T/L)		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 10, Windows 8.1, Windows 8, Windows 7, Windows Vista, Windows XP, Mac OS X
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
DIMENSIONS (WxHxD)	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.
WEIGHT		5.7" x 0.6" x 6.1" (144 x 14.6 x 156mm)
UPC		0.60 lbs. (Max 270g)
		719192625112
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
	USB 2.0 Cable	Media Espresso

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

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