

Slim Portable Blu-ray/ DVD Writer

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

▶ WP50NB40



The LG WP50NB40 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 BD-XL(triple layer) disc. With Blu-ray, DVD and CD burning capabilities, the WP50NB40 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 BD-XL (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 BD-XL, 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 |
| 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 | CD-R MAX WRITE |
| | | | | | | | | | | | | 16x |
| | | | | | | | | | | | | CD-RW MAX WRITE |
| | | | | | | | | | | | | CD-ROM MAX READ |
| | | | | | | | | | | | | 24x |

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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 | WP50NB40 |
|---------------------------|-------|------------------------------------|
| 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 |

| TRANSFER RATES-READ (MAX) | Model | WP50NB40 | |
|---------------------------|---|--|---|
| | 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 | | 719192625129 | |
| 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 | |

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

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